VOLUME LXI

January-June, 1932

THE NATIONAL GEOGRAPHIC MAGAZINE

INDEX

January-June, 1932

VOLUME LXI

PUBLISHED BY THE
NATIONAL GEOGRAPHIC SOCIETY
HUBBARD MEMORIAL HALL
WASHINGTON, D.C.

$3.50 A YEAR

Copyright, 1932

NATIONAL GEOGRAPHIC SOCIETY

GEOGRAPHIC ADMINISTRATION BUILDINGS

SIXTEENTH AND M STREETS NORTHWEST, WASHINGTON, D. C.

GILBERT GROSVENOR, President
O. P. AUSTIN, Secretary
JOHN JOY EDSON, Treasurer
JOHN OLIVER LA GORCE, Vice-President
GEO. W. HUTCHISON, Associate Secretary
HERBERT A. POOLE, Assistant Treasurer
FREDERICK V. COVILLE, Chairman Committee on Research

EXECUTIVE STAFF OF THE NATIONAL GEOGRAPHIC MAGAZINE

GILBERT GROSVENOR, EDITOR

JOHN OLIVER LA GORCE, Associate Editor

J. R. HILDEBRAND
Assistant Editor

FRANKLIN L. FISHER
Chief Illustrations Division

ALBERT H. BUMSTEAD
Chief Cartographer

RALPH A. GRAVES
Assistant Editor

WILLIAM JOSEPH SHOWALTER
Chief Research Division

MAYNARD OWEN WILLIAMS
Chief Foreign Editorial Staff

FREDERICK SIMPICH
Assistant Editor

MELVILLE BELL GROSVENOR
Asst. Chief Illustrations Division

CHARLES MARTIN
Chief Photographic Laboratory

BOARD OF TRUSTEES

JOHN JOY EDSON
Chairman of the Board, Washington Loan & Trust Company

DAVID FAIRCHILD
Special Agricultural Explorer, U. S. Department of Agriculture

C. HART MERRIAM
Member National Academy of Sciences

O. P. AUSTIN
Statistician

GEORGE R. PUTNAM
Commissioner U. S. Bureau of Lighthouses

THEODORE W. NOYES
Editor of The Evening Star

GEORGE K. BURGESS
Director U. S. Bureau of Standards

RAYMOND S. PATTON
Director U. S. Coast and Geodetic Survey

CHARLES EVANS HUGHES
Chief Justice of the United States

JOHN J. PERSHING
General of the Armies of the United States

C. M. CHESTER
Rear Admiral U. S. Navy, Formerly Supt. U. S. Naval Observatory

J. HOWARD GORE
Prof. Emeritus Mathematics, The George Washington University

FREDERICK V. COVILLE
Botanist, U. S. Department of Agriculture

GEORGE SHIRAS, 3D
Formerly Member U. S. Congress, Faunal Naturalist and Wild-Game Photographer

JOHN OLIVER LA GORCE
Associate Editor National Geographic Magazine

CALVIN COOLIDGE
Formerly President of the United States

CHARLES G. DAWES
Formerly Vice-President of the United States

JOHN BARTON PAYNE
Chairman American Red Cross

A. W. GREELY
Arctic Explorer, Major General U. S. Army

GILBERT GROSVENOR
Editor of National Geographic Magazine

GEORGE OTIS SMITH
Chairman Federal Power Commission

O. H. TITTMANN
Formerly Superintendent U. S. Coast and Geodetic Survey

ROBERT V. FLEMING
President Riggs National Bank

ORGANIZED FOR "THE INCREASE AND DIFFUSION OF GEOGRAPHIC KNOWLEDGE"

TO carry out the purposes for which it was founded forty-four years ago the National Geographic Society publishes this Magazine monthly. All receipts are invested in the Magazine itself or expended directly to promote geographic knowledge.

ARTICLES and photographs are desired. For material which the Magazine can use, generous remuneration is made. Contributions should be accompanied by addressed return envelope and postage.

IMMEDIATELY after the terrific eruption of the world's largest crater, Mt. Katmai, in Alaska, a National Geographic Society expedition was sent to make observations of this remarkable phenomenon. Four expeditions have followed and the extraordinary scientific data resulting given to the world. In this vicinity an eighth wonder of the world was discovered and explored—"The Valley of Ten Thousand Smokes," a vast area of steaming, spouting fissures. As a result of The Society's discoveries this area has been created a National Monument by proclamation of the President of the United States.

AT an expense of over $50,000 The Society sent a notable series of expeditions into Peru to investigate the traces of the Inca race. Their discoveries form a large share of our knowledge of a civilization waning when Pizarro first set foot in Peru.

THE Society also had the honor of subscribing a substantial sum to the expedition of Admiral Peary, who discovered the North Pole, and contributed $55,000 to Admiral Byrd's Antarctic Expedition.

NOT long ago The Society granted $25,000, and in addition $75,000 was given by individual members to the Government when the congressional appropriation for the purpose was insufficient, and the finest of the giant sequoia trees of California were thereby saved for the American people.

THE Society's notable expeditions to New Mexico have pushed back the historic horizons of the Southwestern United States to a period nearly eight centuries before Columbus crossed the Atlantic. By dating the ruins of the vast communal dwellings in that region The Society's researches have solved secrets that have puzzled historians for three hundred years. The Society is sponsoring an ornithological survey of Venezuela.

TO further the study of solar radiation in relation to long range weather forecastings, The Society has appropriated $65,000 to enable the Smithsonian Institution to establish a station for six years on Mt. Brukkaros, in South West Africa.

Copyright, 1932, by National Geographic Society, Washington, D. C. International copyright secured. All rights reserved. Cover design and names registered in United States Patent Office. Marca Registrada.

CONTENTS

PAGE

Antarctica's Most Interesting Citizen: The Comical Penguin Is Both Romantic and Bellicose. By WORTH E. SHOULTS 251

Army Engineer Explores Nicaragua: Mapping a Route for a New Canal Through the Largest of Central American Republics. By LIEUT. COL. DAN I. SULTAN 593

Befriending Nature's Children: An Experiment With Some of California's Wild Folk. By AGNES AKIN ATKINSON 199

Beyond the Grand Atlas: Where the French Tricolor Flies Beside the Flag of the Sultan of Morocco. By V. C. SCOTT O'CONNOR 261

Budapest, Twin City of the Danube. By J. R. HILDEBRAND 729

Byroads and Backwoods of Manchuria: Where Violent Contrasts of Modernism and Unaltered Ancient Tradition Clash. By OWEN LATTIMORE 101

Charm and Color Distinguish Norman Byways. 13 illustrations in color from natural-color photographs by GERVAIS COURTELLEMENT 90

Denmark, Land of Farms and Fisheries. 14 illustrations in color from natural-color photographs by GUSTAV HEURLIN 222

Depths of the Sea: Strange Life Forms a Mile Below the Surface. By WILLIAM BEEBE 65

Entering the Front Doors of Medieval Towns: The Adventures of an American Woman and Her Daughter in a Folding Boat on Eight Rivers of Germany and Austria. By CORNELIA STRATTON PARKER 365

Fantastic Sea Life from Abyssal Depths. 8 illustrations in color from paintings by E. BOSTELMANN 70

First Over the Roof of the World by Motor: The Trans-Asiatic Expedition Sets New Records for Wheeled Transport in Scaling Passes of the Himalayas. By MAYNARD OWEN WILLIAMS 321

Flights from Arctic to Equator: Conquering the Alps, the Ice Peaks of Spitsbergen, of Persia, and Africa's Mountains of the Moon. By WALTER MITTELHOLZER 445

Flying the World: In a Homemade Airplane the Author and Her Husband Enjoy 16,000 Miles of Adventurous Flight Across Europe, Asia, and America. By GLADYS M. DAY. 655

How Half the World Works. By ALICE TISDALE HOBART and MARY A. NOURSE 509

Hungary, A Kingdom Without a King: A Tour from Central Europe's Largest Lake to the Fertile Plains of the Danube and the Tisza. By ELIZABETH P. JACOBI 691

In the Land of Cruel Desert and Majestic Mountain (Morocco). 12 illustrations in color from natural-color photographs by GERVAIS COURTELLEMONT and M. FLANDRIN 306

Iridescent Beauty of Frogs and Toads. 14 illustrations in color from paintings by HASHIME MURAYAMA 634

Land of William the Conqueror (Normandy): Where Northmen Came to Build Castles and Cathedrals. By INEZ BUFFINGTON RYAN 89

Looking in on the Everyday Life of New Turkey. With 12 illustrations in color from natural-color photographs by HERMAN H. KREIDER, MAYNARD OWEN WILLIAMS and GERVAIS COURTELLEMONT 499

Nooks and Bays of Storied England. 13 illustrations in color from natural-color photographs by CLIFTON ADAMS and BERNARD WAKEMAN 182

Ohio, The Gateway State. By MELVILLE CHATER 525

Our Friend the Frog. By DORIS M. COCHRAN 629

Out in San Francisco: Fed on Gold Dust and Fattened by Sea Trade, a Pioneer Village Becomes a Busy World Port. By FREDERICK SIMPICH 395

Poland, Land of the White Eagle. By MELVILLE BELL GROSVENOR with 12 illustrations in color from natural-color photographs by HANS HILDENBRAND 435

Raft Life on the Hwang Ho. By W. ROBERT MOORE 743

CONTENTS

Rainbow Hues from Hungary. 27 illustrations in color from natural-color photographs by HANS HILDENBRAND 696

Royal Copenhagen, Capital of a Farming Kingdom: A Fifth of Denmark's Thrifty Population Resides in a Metropolis Famous for Its Porcelains, Its Silver, and Its Lace. By J. R. HILDEBRAND 217

Some Forgotten Corners of London: Many Places of Beauty and Historic Interest Repay the Search of the Inquiring Visitor. By HAROLD DONALDSON EBERLEIN 163

Surveying Through Khoresm: A Journey into Parts of Asiatic Russia Which Have Been Closed to Western Travelers Since the World War. By LYMAN D. WILBUR 753

Tokyo To-day. By WILLIAM R. CASTLE, JR 131

Travels of George Washington: Dramatic Episodes in His Career as the First Geographer of the United States. By WILLIAM JOSEPH SHOWALTER. (Special Map Supplement) 1

Tyrol, The Happy Mountain Land. 11 illustrations in color from natural-color photographs by HANS HILDENBRAND 370

Where the Winning of the West Began (Ohio). 13 illustrations in color from natural-color photographs by JACOB GAYER 562

INDEX FOR VOL. LXI (JANUARY-JUNE), 1932

January	pp. 1-130	April	pp. 395-524
February	pp. 131-260	May	pp. 525-654
March	pp. 261-394	June	pp. 655-780

Page

A

Aar Valley, Germany....ill. 381
Aardeck, Germany, Castle at....ill. 381
Aarhus, Denmark....color plates II, page 224; V, page 227; VI, page 228
Abbeville, France, Landing field at.... 657
Abbey, James (Forty-niner), Diary of.... 406
Abbeys
  Normandy....89, 90
  Tihany, Hungary....705, ill. 693
Abd-el-Krim: Moroccan chief.... 264
Abdul Aziz, Sultan of Morocco.... 302
Abinger Hammer, England, Boy Scouts of..color plate I, page 183
Absalon, Bishop: Founder of Copenhagen....222, 247, 249 ill. 221
Academy of Science Museum: San Francisco.... 429
Adams, Clifton: Nooks and Bays of Storied England. 11 ills. in color from natural-color photographs by Clifton Adams. Feb....182-191
Adams Co., O., Mounds of....529, 534
Adams, John, George Washington meets.... 27
Adana, Turkey.... 500
Addison, Joseph, Covent Garden haunt of.... 168
Adélie penguins: Antarctica's Most Interesting Citizen: The Comical Penguin Is Both Romantic and Bellicose. By Worth E. Shoults. 8 ills., Feb....251-260
Adrenalin, Toads produce.... 644
Aëronautics
  Flights from Arctic to Equator: Conquering the Alps, the Ice Peaks of Spitsbergen, of Persia, and Africa's Mountains of the Moon. By Walter Mittelholzer. 53 ills., 1 three-quarters-page map, Apr....445-498
  Flying the World: In a Homemade Airplane the Author and Her Husband Enjoy 16,000 Miles of Adventurous Flight Across Europe, Asia, and America. By Gladys M. Day. 41 ills., 1 half-page map, June....655-690
Africa: Flights from Arctic to Equator: Conquering the Alps, the Ice Peaks of Spitsbergen, of Persia, and Africa's Mountains of the Moon. By Walter Mittelholzer. 53 ills., 1 three-quarters-page map, Apr....445-498
  See also *Morocco*.
Agadir, Morocco....292, 318
Ageri, Lake: Switzerland....ill. 464
Agra, India.... 665
Agriculture
  China: How Half the World Works. By Alice Tisdale Hobart and Mary A. Nourse. 22 ills., Apr....509-524
  Denmark....217, 245, 247
  Hunza state, India....ill. 339
  Ohio....526, 549, 578, ill. 537, 577, color plate V, page 567
  Turkey....499, 500
Airplane beacon: Mount Diablo, Calif.... 420
Airplane carrier (U. S. S. *Saratoga*)....ill. 397
Airplanes
  Flights from Arctic to Equator: Conquering the Alps, the Ice Peaks of Spitsbergen, of Persia, and Africa's Mountains of the Moon. By Walter Mittelholzer. 53 ills., 1 three-quarters-page map, Apr....445-498
  Flying the World: In a Homemade Airplane the Author and Her Husband Enjoy 16,000 Miles of Adventurous Flight Across Europe, Asia, and America. By Gladys M. Day. 41 ills., 1 half-page map, June....655-690
  Port Columbus, O....ill. 548
Ait Ben Abbou, Morocco.... 302
Akasaka Palace gardens: Tokyo....152, 153
Akron, O....547, 559, 561, ill. 541, 580, color plate V, page 567
Akron (dirigible), Maiden voyage of the....ill. 580
Aksu, Sinkiang, Citroën Trans-Asiatic Expedition at....349, 357, 363
Akyab, Burma....668, 680
Alameda, Calif.... 421
Alarcos (battle).... 282
Alaska, W. Va., Site of Fort Ashby at....ill. 37
Alcatraz (Military Prison Island): Golden Gate, Calif.....ill. 430
Alençon, France.... 89

Page

Aleppo, Syria....662, 666, 667, 669
Alexandria, Va., George Washington visits..9, 25, 51, 59, 60
Algae (Sea Bottles): Bermuda....ill. 87
Aliquippa, Queen.... 18
Allahabad, India.... 665
Allegany Grove, Md. 22
Allegheny River, Pa.
  George Washington crosses....11, 13, 18, ill. 17, 20, 21
  Washington Bridge....18, ill. 13, 17, 20
Allen, Ethan, Capture of Fort Ticonderoga by..58, 63
Alligator eggs, Nicaraguans eat.... 597
Alligator, or avocado, pears and tree...9, 203, ill. 595
Alligators: Nicaragua....592, 593
Allouville, France.... 99
Almohades (dynasty).....306; text, plate IV, page 310
Almoravides (dynasty): Morocco....262, 275
Alphabet, Latin, Turkey adopts.... 499
Alps: Flights from Arctic to Equator: Conquering the Alps, the Ice Peaks of Spitsbergen, of Persia, and Africa's Mountains of the Moon. By Walter Mittelholzer. 53 ills., 1 three-quarters-page map, Apr....445-498
Alsónyék, Hungary, Girls of..color plate XV, page 727
Amager (island), Denmark....221, 222, 243, 245
Amalienborg Palace: Copenhagen, Denmark...236, ill. 219, 220, 237; color plate VIII, page 230
Amateur Trapshooting Association (Vandalia, O.), Club grounds of....ill. 545
Amban of Tashkurghan, Sinkiang..354, ill. 352, 353
Amboseli, Lake, Kenya Colony....494, 497
Ambridge, Pa.... 11
American bell-toad, or True's toad..650, color plate III, page 637
American Insurance Union Citadel: Columbus, O. ....ill. 539
American Red Cross, Managua earthquake survivors fed by.... 625
American toad....ill. 628, 651
American University, Beyrouth, Syria, Student of 363
Amoy, China....684, 686
Amphipods: Bermuda vicinity....color plate VII, page 77
Amu Darya (Oxus) River and Valley....344, 349
  Surveying Through Khoresm: A Journey into parts of Asiatic Russia Which Have Been Closed to Western Travelers Since the World War. By Lyman D. Wilbur. 31 ills., 1 two-thirds-page map, June....753-780
Amundsen, Roald, Polar flight of....447, 467
Amur River: Manchuria—U. S. S. R....101, 124, 125, 127, 128, 130
Anatolia: See *Turkey*.
Ancestor worship: Japan.... 153
Andersen, Hans Christian, Fairy tales of..233, 247, 250, color plate VI, page 228
Andrée, Spitsbergen base for Arctic flight of..... 467
Angangki, Manchuria.... 106
Angora, Turkey: See *Ankara*.
Angora goats: Turkey.... 500
Animals: Befriending Nature's Children: An Experiment With Some of California's Wild Folk. By Agnes Akin Atkinson. 26 ills., Feb.....199-215
Animals, Porcelain: Houlgate, France..color plate VIII, page 98
Ankara (Angora), Turkey....500, 660; text, plate III, page 503; color plate II, page 502
Annapolis, Md., George Washington's trips to..51, 53, 59, 62, ill. 35
Antarctica's Most Interesting Citizen: The Comical Penguin Is Both Romantic and Bellicose. By Worth E. Shoults. 8 ills., Feb.....251-260
Antelopes: Africa.... 492
Anthropological Museum: San Francisco..... 429
Anti-Atlas Mountains: Morocco.....315, 318
Anza, Juan Bautista de, San Francisco Presidio established by....390, 402
Aolimi, Manchuria, Morgan Palmer's ranch near 128
Aoufous fortress: Morocco.... 290
Aoyama Cemetery: Tokyo.... 150
Aoyama Gakuin (school): Tokyo.... 153
Apple orchards: Normandy....89, 90, 99
Apples, sugared, Venders of: Manchuria.....ill. 112
Arabas (two-wheeled carts): U. S. S. R...765, 774, ill. 760

Page

Arabian Sea ... 665
Aral Sea, U. S. S. R. ... 753, 754, 756-757, 764, 777, 780
Aralskoe More, U. S. S. R. ... 753, 780, ill. 780
Archaeology: Nicaragua ... 623, 627, ill. 624-626
Archery: Japan ... 157
Architecture
  Moorish .. ill. 263, 265, color plates 1, page 307; VI, page 312
  Norman ... 89, 90, 99
Arctic Regions: Flights from Arctic to Equator: Conquering the Alps, the Ice Peaks of Spitsbergen, of Persia, and Africa's Mountains of the Moon. By Walter Mittelholzer. 53 ills., 1 three-quarters-page map, Apr. ... 445, 498
Arcturus (ship), Cruise of the ... 65
Argenta, Nev., Pioneer locomotive at ... ill. 402
Argyllshire, Scotland, Serpentine mound in ... 527
Ariel gazelles, Herd of: Anglo-Egyptian Sudan .. ill. 484
Arlberg pass, Austria ... text, plate II, page 372
Armored cars: Morocco ... 289, 290, ill. 268, 293, 297
Army Engineer Explores Nicaragua: Mapping a Route for a New Canal Through the Largest of Central American Republics. By Lieut. Col. Dan I. Sultan. 39 ills., 1 two-thirds-page map, May ... 593-627
Arrow, or Sagitta, Worms: Bermuda vicinity .. 69, 83
Artemisia (plant): Kashmir ... 330
Asakusa Park, Tokyo, Feeding pigeons in ... ill. 148
Asano estate, Garden of: Tokyo ... ill. 145
Ashbys Gap, Va. ... 5
Ashtabula, O. ... 532, 562, color plate II, page 564
Asia, Central
  First Over the Roof of the World by Motor: The Trans-Asiatic Expedition Sets New Records for Wheeled Transport in Scaling Passes of the Himalayas. By Maynard Owen Williams, Special Staff Representative of the National Geographic Society. 45 ills., 2 half-page maps, Mar. ... 321-363
  Surveying Through Khoresm: A Journey into Parts of Asiatic Russia Which Have Been Closed to Western Travelers Since the World War. By Lyman D. Wilbur. 31 ills., 1 two-thirds-page map, June ... 753-780
Askia dynasty, Tomb of founder of: French Sudan ill. 491
Askotchensky, M.: Khoresm Irrigation Survey .. ill. 772
Asni, Morocco ... 305
Asososca Lake: Nicaragua ... ill. 622
Assassin, Origin of word ... 472
Association football: Japan ... 157
Astor, Kashmir ... 326, 330, 331, 335, 336
Athens Co., O. ... 555
Athens, O. ... 547, 555
Atherton, Gertrude: Novelist ... 411, 426
Athi plateau, Kenya, British East Africa ... 494
Atkinson, Agnes Akin: Befriending Nature's Children: An Experiment With Some of California's Wild Folk. By Agnes Akin Atkinson. 26 ills., Feb. ... 199-215
  Home of ... ill. 200, 201
  Photograph of ... ill. 200
Atlas Mountains, Africa ... 486, 498
  Beyond the Grand Atlas: Where the French Tricolor Flies Beside the Flag of the Sultan of Morocco. By V. C. Scott O'Connor. 52 ills. in black and white, 12 ills. in color, 1 two-thirds-page map, Mar. ... 261-319
Audouin-Dubreuil, Louis: Citroën Trans-Asiatic Expedition ... 323, 330, 331, 355, ill. 322
Auge district, France, Girl of .. color plate V, page 95
Augusta Co., Va. ... 5, 31, 36
Augusta Court House (Staunton), Va., George Washington visits ... 26, 31, 32, 37
Augusta, Ga., George Washington in ... 62
Austin, Mary: *Argonaut* contributor ... 426
Austria
  Entering the Front Doors of Medieval Towns: The Adventures of an American Woman and Her Daughter in a Folding Boat on Eight Rivers of Germany and Austria. By Cornelia Stratton Parker. 23 ills., 1 two-thirds-page map, Mar. ... 365-394
  Tyrol, The Happy Mountain Land. 11 ills. in color from natural-color photographs by Hans Hildenbrand. Mar. ... 370-379
Automobile Club of Great Britain ... 657
Avalon, Pa. ... 11
Avila, Gil González de, Nicaragua explored by 615
Avocado, or alligator, pears and tree .. 9, 203, ill. 595
Ayachi, Djebel: Grand Atlas Mountains, Morocco .. 319
Ayala, Juan Manuel de, Golden Gate explored by .. 396
Azaleas: Tokyo ... 137, 153
Azrou, Morocco ... 275; text, plate VIII, page 314

Page

Air view of ... ill. 262
Chieftains visit ... ill. 274
Woman of ... ill. 276

B

Babasaki Gate: Tokyo ... ill. 135
Babilonia Mine: La Libertad, Nicaragua ... 612
Babylon, Ruins of: Iraq ... ill 673
Bad Nassau, Germany ... 370, 394
Bad Tölz, Germany, Faltboat factory at .. 367, 368, 370
Baggalas (boats): Persia ... ill. 674
Baghdad, Iraq ... 664, ill. 672
Bahia Palace: Marrakech, Morocco, color plate VI, page 312
Baikal, Lake, U.S.S.R., Tribe from vicinity of 130
Bailing water, Chinese farmers ... ill. 522
Bakony Forest, Hungary, Legends of ... 707
Balaton, Lake: Hungary, A Kingdom Without a King: A Tour from Central Europe's Largest Lake to the Fertile Plains of the Danube and the Tisza. By Elizabeth P. Jacobi. 22 ills. in black and white, 27 ills. in color, 1 half-page map, June ... 691-728
Balatondombori (estate), Hungary .. 696, 705, 707, 720
Balatönfoldvár, Hungary ... 705
Balatonfüred, Hungary ... 705
"Ball Player": Douglas Tilden's statue ... 429
Ballets, Danish ... 236, 240
Balloons, Moored: Akron, Ohio ... ill. 541
Baltit, Hunza state, India ... 338, 339, 343, ill. 332, 333, 334, 336
Bamberg, Germany, Faltboating from ... 370, 383
Bananas: Nicaragua ... 626
Bancroft ("History of California"): Quoted ... 407
Bandipur Bridge, Kashmir ... 323, 341
Bandits: Manchuria ... 111, 112, 113, 120, 130
Bangkok, Siam ... 685, ill. 682, 683
Barbados Island, West Indies, George and Lawrence Washington go to ... 5, 8
Barfleur, France ... 90
Barga plateau: Manchuria ... 101, 129
Barges
  Danube River ... 730, ill. 738
  Ohio River ... ill. 528
Bartholomew Close: London ... 177
Bartholomew Fair: London ... 177
Barwick, Thomas, George Washington guest of ... 3
Baseball: Japan ... 156, 157, ill. 158, 161
Basel, Switzerland, Airdrome at ... 446
Basketball game: Manchuria ... ill. 115
Basket porter: Covent Market, London .... ill. 168, 169
Basket weavers, Chinese ... 521
Basking Ridge, N. J., George Washington at ... 51
Basselin, Olivier: Norman singer ... 90
Baths, Medicinal: Budapest ... 730, 731, 732
Bathysphere, Beebe's descents in ... 66
Batura Glacier: Hunza state, India ... 349
Bayeux, France, Tapestry of ... 89, 99
Beaver Creek, Pa. ... 14
Beaver River (Big Beaver Creek), Pa. ... 12
Bed, brick, Heated: Manchuria ... 115, 119
Bedford, Pa. ... 39, 63
Beebe, William: Depths of the Sea: Strange Life Forms a Mile Below the Surface. By William Beebe. 15 ills. in black and white, 8 ills. in color, 1 half-page map, Jan. ... 65-88
Beehive homes: Syria ... ill. 667
Beesontown, Pa. (Former name of *Uniontown*) .. 56, 58
Beethoven statue: Golden Gate Park, San Francisco ... 429
Befriending Nature's Children: An Experiment With Some of California's Wild Folk. By Agnes Akin Atkinson. 26 ills., Feb. ... 199-215
Beira, Bay of: Portuguese East Africa ... 490
Beira, Portuguese East Africa ... 465, 467, 470, 475
Bekrit fortress: Morocco ... 275
Belfast (brig) ... 414, 415
Bell, (Sir) Charles ... 119
Bell foundries: Cincinnati, O. ... 558
Bellevue, O. ... 561
Bellevue, Pa. ... 11
Belpre, O. ... 547, 553
Ben Avon, Pa., George Washington marched over site of ... 11
Bengal, Bay of: India ... 668, 669, 670
Beni Abbes Oasis, Algeria ... 498, ill. 486
Beni Mguild tribesmen: Morocco ... 262, 275, 279, ill. 279, 318
Bennett (James Gordon) balloon trophy ... 541
Berbers (race): Morocco ... 267, 269, 270, 273, 275, 276, 277, 280, 300, 301, 306, 315, 318, color plate V, page 311
Bergen, Norway, Mittelholzer joins expedition at .. 447
Berkeley, Calif. ... 421, ill. 412, 434
Berkeley Springs, W. Va. and vicinity .. 40, 51, 54, ill. 6

Page

Berlin
Reinhardt's spectacles in ... 249
Tempelhof Airport ... 659, ill. 661
Bermuda. See *Nonsuch Island.*
Bern, Switzerland, Alpine travel route near ... 449
Bernay, France, Horse fairs at ... 90
Bernese Oberland, Switzerland ... 446, 447, ill. 454, 462
Bernhardt, Sarah ... 240
Bethlehem, Pa., Moravian Brethren at ... 536
Bethlehem Shipbuilding Corporation ... 397
Betsy Ann (steamboat): Ohio River ... ill. 585
Beverly, Mass., George Washington in ... 61
Beyik, Central Asia ... 349, 353
Beyond the Grand Atlas: Where the French Tricolor Flies Beside the Flag of the Sultan of Morocco. By V. C. Scott O'Connor. 52 ills. in black and white, 12 ills. in color, 1 two-thirds-page map, Mar ... 261-319
Beyrouth, Syria ... 321, 357, 361, 363
Bicycles
Copenhagen ... 235, 242, ill. 216
Tokyo ... 141-142
Bierce, Ambrose: *Argonaut* contributor ... 426
Big Beaver Creek (Beaver River), Pa. ... 12
Big Savage Mountain, Md., George Washington crosses ... 11, 41
Billingsgate Fish Market: London ... 178, 198, ill. 171
Birds
Antarctica's Most Interesting Citizen: The Comical Penguin Is Both Romantic and Bellicose. By Worth E. Shoults. 8 ills., Feb. ... 251-260
Befriending Nature's Children: An Experiment With Some of California's Wild Folk. By Agnes Akin Atkinson. 26 ills., Feb. ... 199-215
Toadskins used for dyeing ... 644-645
Birmingham, England, "Shower" of frogs in ... 643
Blacksburg, Va. ... 33
Blackwater River, Va. ... 36
Bladensburg, Md. ... 62
Blanc, Mont: Alps ... 446, 456, ill. 460
Blanco's (café): San Francisco ... 430
Blandford, Petersburg, Va. absorbed ... 35
Blantyre Highland, Nyasaland ... 465
Blennerhassett Island, O. ... 538, ill. 553
Blood-letting by "cupping": Morocco ... ill. 280
Bluefields, Nicaragua ... 601
Bluefields River, Nicaragua ... 601
Bluejacket: Indian chief ... 547
Blue Men of the Litham (Tuaregs) ... 315
Blue Ridge Mountains ... 33, 36, 42
Blümlisalp, Switzerland ... 454
Boa, Soldier displaying dead: Nicaragua ... ill. 620
Boatmen: Amu Darya ... ill. 777
Boats, Folding: Entering the Front Doors of Medieval Towns: The Adventures of an American Woman and Her Daughter in a Folding Boat on Eight Rivers of Germany and Austria. By Cornelia Stratton Parker, 23 ills., 1 two-thirds-page map, Mar ... 365-394
Boats, Native
Bushire, Persia ... ill. 674
Dairen, Manchuria ... ill. 108
England ... 178, ill. 198, color plate III, page 185
Hungary ... ill. 604
Istanbul ... ill. 660
Jhelum River, Kashmir ... ill. 324
U. S. S. R. ... 757, ill. 764, 776
See also *Barges, Ferryboats, Shanty boats, Shoeboats, Steamboats* and *Windjammers.*
Boats, Wrecks of: Lake Nicaragua ... ill. 602
Bodega, Calif. ... 402
Bookshop: Japan ... ill. 160
Borax: Turkey ... 409
Borsod, Hungary, Man of ... color plate VII, page 703
Bosporus ... 500, color plate III, page 503
Bostelmann, E.: Fantastic Sea Life From Abyssal Depths. 8 ills. in color from paintings by E. Bostelmann. Jan. ... 70-79
Boston, Mass., George Washington visits ... 1, 26, 27, 30, 61
Boswell, James, Covent Garden haunt of ... 168
Bou-Azza: Chieftain, Zaian tribe ... 318
Bou Jeloud gate: Fès, Morocco ... ill. 265
Bou Regreg (river), Morocco ... 303, color plate I, page 307
Bournemouth, England ... color plate IV, page 186
Bournonville: Creater of ballets ... 240
Bowlders
Glacial ... ill. 561
Wicker nets encase ... ill. 515
Boxing: Japan ... 157
Boy Scouts: Abinger Hammer, England ... color plate I, page 183
Braddock, Pa. ... 23, 24
Braddock, (Gen.) Edward ... 1, 2, 19, 22, 23, 24-25, 26, 41, 54, ill. 27

Page

Braddocks Field, Pa., George Washington at ... 1, 21, 23, 24
Braddocks Road, Md.—Pa. ... 7, 22, 24, 54, ill. 23, 24
Brahe, Tycho: Danish astronomer ... 235, 242
Brahetrolleborg, Denmark, Estate at ... color plate V, page 227
Brant: Indian chief ... 547
Braunfels, Castle of: Lahn River, Germany ... 391
Bread, Hungarian women baking ... color plate XIV, page 726
Brenner pass, Austria ... text, plate II, page 372
Brick bed, Heated: Manchuria ... 115, 119
Brides and grooms
Denmark ... color plate VII, page 229
Hungary ... 717, ill. 714
Poland ... color plate VII, page 443
Bridgeport, O. ... 536
Bridges
Allegheny River, Pa. ... 11, 18, ill. 13, 17, 20
Brooklyn, N. Y. ... 546
Budapest ... 691, 695, 730, ill. 738, 739
Cheat River, W. Va. ... ill. 7
Cincinnati, O. ... ill. 546, 584, 585
Cologne, Germany ... ill. 659
Columbus, O. ... ill. 539
Grand Canyon ... ill. 690
Hendrysburg vicinity, O. ... ill. 535
Hudson River ... 546
Hwang Ho, China ... ill. 752
India ... 335, 341, ill. 320
Khoresm ... ill. 758
London ... 171, 177, 178, 196, ill. 180, 198
Nicaragua ... ill. 621
Tokyo ... 136, 147, ill. 150
Vernon—Vernonnet, France ... color plate IV, page 94
Brito, Nicaragua ... 594, 598
Bronowice, Poland, Peasants of ... color plates III, page 439; V, page 441
Brooklyn Bridge, N. Y. ... 546
Brown, John, Ohio residence of ... 578
Brownsville, Pa. ... 18
Bruce, (Mr. and Mrs.); Missionaries, Burma ... 673, 674, 677, 678
Bruck, Castle of: Isel River, Austria ... 379-380
Brunswick, Md. ... 59
Brush, Charles F.: Native Ohioan ... 573
Brussels, Belgium, Lindbergh flying over ... ill. 658
Bruton Parish Church: Williamsburg, Va. ... 48, ill. 49
Buchanan, (Col.) John, George Washington and ... 32, 36, 37
Buchanan, Va. ... 32
Bucharest, Rumania, Flyers arrive in ... 662
Buckeye State, Ohio becomes known as ... 528
Budapest, Twin City of the Danube. By J. R. Hildebrand. 3 ills. in black and white, 10 ills. in duotone, June ... 729-742
Andrassy Ut ... 691, 741
Baths, Medicinal ... 730-731, 732, ill. 734
Bridges ... 695, 730, ill. 738, 739
Cafés, Outdoor ... 691, 729, 731, 732, 733, 741
Central Market Hall ... 691
Chapel and church ... 729, 735, ill. 740, 742
Citadel ... 709, 729
Climate ... 732
Customs officer ... ill. 662
Fishers' Bastion ... 709, ill. 735, 740
Flyers land in ... 662, 664
Francis Joseph Quay and Bridge ... 729
Grain elevators ... 731
History ... 729, 741, 742
Kerepeser Street ... 732
Liberty Square ... 742, ill. 692
Monuments and statues ... 741, 742, ill. 692, 735, 737, 740, 742
Museums ... 734, 736
Parks ... ill. 663
Parliament House ... 729, 731, ill. 692, 733, 739
Policemen ... ill. 736
Quays ... 730, ill. 738
Royal Guards ... ill. 736
Royal Palace ... 691, 729, ill. 736
St. Gellert Hotel and Hill ... 695, 730-731, 739, ill. 739, 742
St. Margaret Island ... 691
St. Stephen's Day procession ... ill. 731
Slaughterhouse ... 729
Sports and games ... 696
Square of "The Four Alsace-Lorraines" ... 742, ill. 692
Telephone booths, Glass ... 732
Town Park ... 691, ill. 734
Buddhas: Paingu Caves, Burma ... ill. 679
Buddhist monasteries and shrines
Japan ... 153, 157
Manchuria ... 124
Budweis, Czechoslovakia ... 379
Buffalo
Africa ... ill. 482

Page

Ohio ... 536
Washington hunted ... 1, 47, 49
Bukhara, U. S. S. R. ... 756, 760, ill. 773
Bullfrogs
Common ... 649, 654, ill. 646, 647, color plate v, page 639
Southern ... 654, color plate IV, page 638
Bullskin Run, W. Va. ... 32, 40
Bulunkul Lake, Sinkiang ... 361, ill. 356, 358
Bundgaard, Anders, Sculpture of ... 231, 234
Bunji, Kashmir, Road to ... 325, 340
Burgoyne, (Gen.) John ... 58
Buriat Mongol tribe: Manchuria ... 130
Burlingame, Calif., Rose farm at ... 431
Burma, India ... 656, 669, 672, 673, 677, 678, 680, 683, 685, ill. 679, 680
Burns, Robert, Statue of: Golden Gate Park, San Francisco ... 428-429
Burr, Aaron ... 61, 538, 553
Bursa, Turkey ... 500, color plate III, page 503
Burushaski language: Hunza state, India ... 349
Burzil Pass, Kashmir, Citroën Trans-Asiatic Expedition crosses ... 322, 326, 327, 331-332, 350, 355, ill. 327-329
Bushire, Persia ... 471, 665, ill. 475, 674
Butler—Pittsburgh Highway, Pa. ... 18
Butler, (Col.) William George Washington receives ... 54
Butter, Churning: Anatolia ... color plate V, page 505
Butterfly, Toad devouring ... ill. 651
Byrd, (Rear Adm.) Richard E. ... 252, 447, 467, 490
Byroads and Backwoods of Manuchuria: Where Violent Contrasts of Modernism and Unaltered Ancient Tradition Clash. By Owen Lattimore. 27 ills., 1 three-quarters-page map, Jan. ... 101-130

C

Cab, Russian (*izvoshchik*): U. S. S. R. ... 753, ill. 755
Cable railways
Cincinnati, O. ... ill. 576
Niesen (peak), Alps ... ill. 454
San Francisco ... 421, ill. 410
Zugspitze (peak), Germany ... text, plate VI, page 376
Cacapon River, W. Va. ... 5
Caen, France ... 90
Cafés, Outdoor
Budapest ... 691, 729, 731, 732, 733, 741
China ... 518, ill. 516
Copenhagen, Denmark ... 240
Cairo, Egypt, Mittelholzer flies to ... 465, 490
Calcutta, India ... 665, 668, 673, ill. 678
California: Befriending Nature's Children: An Experiment With Some of California's Wild Folk. By Agnes Akin Atkinson. 26 ills., Feb. ... 199-215
See also *San Francisco*.
California Jay ... ill. 215
California, University of: Berkeley, Calif. ... ill. 434
California Valley Quail ... ill. 214
Calvin, John, Geneva residence of ... 457
Cambridge, Mass., George Washington in ... 61
Cambridge Springs, Pa. ... 14
Camden, S. C., George Washington in ... 62
Camels
Citroën Trans-Asiatic Expedition ... 349, 353, 354, 361, 362-363, ill. 357-359
Gladys Day riding a camel ... ill. 676
Hailar, Manchuria ... ill. 123
U. S. S. R. ... 774, ill. 780
Camembert cheese, Normandy's ... 89
Camille's (café): San Francisco ... 430
Camino Real (Royal Road), Calif. ... 399
Camp Perry, O., Small Arms Firing School at ... ill. 549
Campaign Creek, Gallia Co., O. ... 40
Campaña Island, San Juan River, Nicaragua 599, ill 598
Campanile: University of California, Berkeley ... ill. 434
Campbell, (Maj.) Andrew ... 3
Canal lock: Great Falls, Potomac River ... ill. 43
Canals
China ... 518, ill. 514, 524
Khoresm ... 766, ill. 761, 762
Cannon
Erfoud, Morocco ... 298, ill. 296
Presidio, San Francisco ... ill. 417
Winchester, Va. ... ill. 38, 39
Canon, (Col.) John ... 54
Canonsburg, Pa., George Washington at ... 54
Canton, O., McKinley tomb at ... ill. 586
Cape Royds, Antarctica, Penguin rookery at ... ill. 255
Capetown, Cape Colony, Mittelholzer flies to ... 465
Cappadocia, Cone dwellings of ... color plate IV, page 504
Caps, rolled brimmed, Hunza natives wear ... 349, ill. 332, 333, 336, 337, 339, 341
Carpet manufacture
Kashan, Persia ... 474
Turkey ... 499; text, plate III, page 503
Cars, Cable
Cincinnati ... ill. 576

Page

San Francisco ... 421, ill. 410
Carson City, Nev., Silver boom in ... 411
Carthusian Monastery: Valsainte, Switzerland ... ill. 453
Cartier, Jacques, St. Lawrence visited by ... 99
Carts
Hungary ... color plate XIII, page 725
Kashgar ... ill. 361, 362
Manchuria ... ill. 117, 127
U. S. S. R. ... 765, 774, ill. 760
Carvings, Symbolic: Isla de los Muertos, Nicaragua ill. 625
Cash registers, Manufacture of: Dayton, O. ... 587
Casimir the Great, King of Poland ... 436
Caspian Sea ... 448, 465, 770
Casselman River, Md. ... 22
Castle, William R., jr.: Tokyo To-day. By William R. Castle, Jr. 33 ills., Feb. ... 131-162
Castles
Aardeck, Germany ... ill. 381
Bruck, Isel River, Austria ... 379-380
Denmark ... 217, 241, 249, ill. 246, color plate VIII, page 230
Fécamp vicinity, France ... color plates II, page 92; VI, page 96; VIII, page 98
Morocco ... 289, 299, 315, ill. 268, 269, 298, 299, 303
St. Michael's Mount, England ... color plate VI, page 188
Catawba Creek, Va. ... 32, 36
Catawba Island, O. ... 573, 574
Catawbas (Indians) ... 45
Caterpillar Club, Members of the ... 583
Cathedrals
Cologne, Germany ... 659, ill. 659
Denmark ... text, plate V, page 227; color plates IV, page 226; VI, page 228
Esztergom, Hungary ... 708
Kraków, Poland ... 435; text, plate VI, page 442; color plate I, page 437
London ... 169
Cats, Ring-tailed, Observing and photographing: California ... 213-214, ill. 204, 206
Cattle
Hungary ... 719, 720, color plates II, page 698; III, page 699
Nicaragua ... 603, 614, ill. 612
Normandy ... 89
Ohio ... ill. 537
Caux district, France
Costumes of ... color plates II, page 92; VIII, page 98
Well ... color plate VI, page 96
Caves
Budapest ... ill. 742
Moulmein vicinity, Burma ... ill. 679
Cecillien: Member, Citroën Trans-Asiatic Expedition ... 323
Cedar forests: Morocco ... ill. 281, color plate VIII, page 314
Cedar Grove, (Ferry Farm), Va., Washington's home at ... 56, ill. 8, 9
Cedar Point, O. ... 573
Central Pacific Railway ... ill. 402
Century Pacific Lines, Ltd. ... 399
Ceramic plants: Ohio ... 527, ill. 572
Cervantes, Bust of: Golden Gate Park, San Francisco ... 429, ill. 406
Chad, Lake, French Equatorial Africa ... 497, 498
Chahbar, Persia ... 665
Chaika (boat): Khoresm Irrigation Survey ... 754, 757, 759, 760, 766, 768, 770, 771, 772, 775, ill. 756
Chalaps (rolled brimmed caps), Hunza natives wear ... 349, ill. 332, 333, 336, 337, 339, 341
Challenger (ship), Expedition of the ... 65
Chalt, India ... 342
Chamberlin, Clarence: Lands at Kottbus, Germany 661
Chambersburg, Pa., George Washington in ... 63
Champlain, Lake, N. Y., Crown Point on ... ill. 58
Champlain, Samuel de, Quebec founded by ... 99
Changchun, Manchuria ... 106, 124
Chang Hsüeh-liang, (Marshal), Lattimores aided by 104-105, ill. 114
Chapei, China ... 687
Chaperon (stern-wheeler): Ohio River ... ill. 556
Chardzhui, U. S. S. R. ... 753, 754, 756, 759, 769, 777, ill. 758
Charles I, King of England ... 192, 198, ill. 164; text, plate V, page 187
Charles II, King of England ... 164; text, plate V, page 187
Charles IV: Hungary's last Hapsburg ruler ... 693, 705
Charleston, S. C. ... 62
Charles Town, W. Va.
Charles Washington's home ... 54, 60, ill. 30
George Washington's activities near ... 2, 19, 51, 54
Samuel Washington's home ... 51, ill. 32, 33
Charlotte, N. C. ... 62
Charlottesville, Va. ... 26

Page

Charm and Color Distinguish Norman Byways. 13 ills. in color from natural-color photographs by Gervais Courtellemont. Jan.....90-99
Chartier, Alain (poet): Native of Normandy.... 89
Chartiers Creek, Pa..... 54
Chater, Melville
French cities viewed from a canal by..... 240
Ohio, The Gateway State. By Melville Chater. 58 ills. in black and white, 13 ills. in color, 1 three-quarters-page map, May.....525-591
Chatham, Va., Hickey's caravans went through.... 35
Cheat Lake Bridge, Cheat River, W. Va.....ill. 7
Cheat River, W. Va.....44, 58, 59, ill. 7
Cheeses, Production of: Normandy.....89; text, plate III, page 93
Chelsea Hospital veterans: London....198, color plate V, page 187
Chelsea, London.....197-198
Cherbourg, France..... 89
Cherim League of Inner Mongolia.....106, 107, 114
Cherry tree corner-post: London.....175, ill. 177
Cherry trees
Tokyo.....146, 150, 157, ill. 152
Washington, D. C..... 152
Chesapeake and Ohio Railway..... 26
Chesapeake Bay, George Washington crosses..... 62
Cheshire Cheese: London.....196, 197
Chester, (Rear Adm.) C. M.; Trustee, National Geographic Society..... 403
Chestertown, Md., George Washington in..... 62
Chestnut, Hertfordshire, England, Theobald's Park at..... 170
Chiang Kai-shek, General.....687, 688
Chicken sellers: Fès, Morocco.....ill. 264
Chien Shan (Thousand Mountains), Manchuria 123, ill. 110
Chigir (native pump), Irrigation by means of: U. S. S. R.....766, ill. 758
Chihli (Ho-pei), China, Cotton grown in..... 514
Chillicothe, O.....525, 529, 532, 547, 551
Chimbai, U. S. S. R.....756, 775, ill. 757
China
Days' air trip through.....685-688
How Half the World Works. By Alice Tisdale Hobart and Mary A. Nourse. 22 ills., Apr. 509-624
Raft Life on the Hwang Ho. By W. Robert Moore, 14 ills., June.....743-752
Chinandega, Nicaragua.....599, 600
Chinde, Portuguese East Africa..... 467
Chinese-Christian churches: San Francisco..... 432
Chinese Eastern Railway: Manchuria....101, 106, 115, 124, 129
Chinese immigrants, Crowd of: Manchuria....ill. 103
Chinese news bulletins: San Francisco.....ill. 433
Chittagong, India..... 677
Chontales, Province of: Nicaragua.....608, 612, 614
Chopawamsic Swamp, Va..... 34
Christian II, King of Denmark..... 243
Christian IV: Denmark's builder king..... 242
Christian X, King of Denmark.....236; text, plate VIII, page 230
Christiansborg Palace: Copenhagen, Denmark..249, ill. 221
Christianshavn, Copenhagen, Denmark..... 243
Chrome ore: Turkey..... 499
Chrysanthemums, Shipping: California..... 431
Chungwei, China..... 744
Churches and chapels
Budapest.....729, 735, ill. 740, 742
Copenhagen, Denmark.....221, 233, 243, ill. 237, 242, 249
Debreczen, Hungary..... 719
Granada, Nicaragua.....620, ill. 605
Ják, Hungary..... 707
London.....163, 168, 169, 173, 174, 175, 177, 178, 195, 196, ill. 164, 166, 170, 172, 174
New York City.....ill. 55
Poronin, Poland.....color plate VII, page 443
San Francisco.....432, ill. 414
Szeged, Hungary.....color plate XII, page 724
Williamsburg, Va.....48, ill. 49
Churn, Anatolian peasant using....color plate V, page 505
Cider: Normandy.....80, 90; text, plate V, page 95
Cigarette-smoker, Child: Wulakai, Manchuria..118, ill. 121
Cincinnati Institute of Fine Arts..... 590
Cincinnati, O.: Ohio, The Gateway State. By Melville Chater. 58 ills. in black and white, 13 ills. in color, 1 three-quarters-page map, May....525-591
Bell foundries..... 558
Bridges.....ill. 546, 584, 585
Ceramics industry..... 527
"Gateway to the South." Called..... 584
German colony.....580, 590
Interstate railroad..... 589

Page

Ivorydale.....ill. 574, 575
Mariemont (suburb)..... 590
Mount Adams railway.....ill. 576
Mount Auburn.....590, ill. 591
Municipalities 589
Music center..... 590
Panorama of.....color plate VI, page 568
Parks 590
Shipyards 558
Union Central Building....576, color plate VI, page 568
University 555
Water front.....ill. 584, color plate VI, page 568
Woodward High School...color plate VIII, page 570
Cincinnati, Society of the, George Washington attends meetings of.....53, 63
Cincinnati Southern Railway..... 589
Cincinnati Symphony Orchestra..... 590
Cincinnati, University of..... 555
Circassians: Turkey..... 500
Circleville, O.....529, 532, 542
Citroën-Haardt Trans-Asiatic Expedition: First Over the Roof of the World by Motor: The Trans-Asiatic Expedition Sets New Records for Wheeled Transport in Scaling Passes of the Himalayas. By Maynard Owen Williams, Special Staff Representative of the National Geographic Society. 45 ills., 2 half-page maps, Mar. 321-363
Camps 344, 349, 363
Coolies.....320, 323, 332, 335, 348, 362, ill. 326, 327, 338, 341, 343
"Golden Scarab" (car).....322, 333, 335, 341, 363, ill. 331
Groups united..... 321
Heavy Cinema (car)..... 363
Landslides, Halted by.....325, 340, 348, ill. 326, 330, 331
Ponies and camels.....353, 354, 361, 362, 363, ill. 329, 337, 338, 342-344, 356-359
Popote (car)..... 363
"Silver Crescent" (car).....322, 335, 341, 363
Srinagar garden, In a.....ill. 322
Supplies 320, 323, 327, 335, 353, 358
Clarke, (Maj.) Gedney..... 8
Clay products: Ohio..... 529
Cleaveland, Moses, New Englanders led to Ohio by 550, 551
Cleland (California historian): Quoted.....406, 408
Cleveland, Grover, Fishing grounds of.....4, 574
Cleveland, O.: Ohio, The Gateway State. By Melville Chater. 58 ills. in black and white, 13 ills. in color, 1 three-quarters-page map, May.525-591
Airport 571
Cuyahoga County Courthouse.....ill. 530
Founding of.....547, 551
Ore-handling .....544, 557, 578, ill. 531, 532
Paint mill.....color plate III, page 565
Pickle plant.....ill. 534
Public Library..... 573
Public square.....ill. 526
Severance Hall.....color plate I, page 563
Soldiers' and Sailors' Monument.....ill. 526
Stadium .....ill. 530
Suburbs.....530, ill. 571
Superior Avenue.....ill. 526
Terminal Tower .....571, ill. 526, 530
Theater of the Nations..... 573
Waterfront .....ill. 531
Western Reserve University..555, color plate I, page 563
Cleves, Germany..... 659
Cliff House Beach: San Francisco..... 427
Clinton, (Gen.) Henry..... 53
Cloaks, Cowboys' sheepskin and felt..color plate V, page 701
Clogs, wooden (*getas*), Japanese....138, 140, 141, ill. 137, 138, 146, 152, 156
Cloth dyers: Ouagadougou, Upper Volta.....ill. 493
Clothes menders, Chinese.....518, ill. 512
Clover fields: Collinsville vicinity, O.....ill. 559
Club Row Market: London.....191, 192, ill. 171, 175
Coach: traditional origin of word.....text, plate XIII, page 725
Coal mines and transport
Fushun, Manchuria.....ill. 100
Toledo, O.....578, ill. 557
Turkey 499
Washington sees his first mine..... 41
Coati, Pet: Nicaragua Canal Survey party....ill. 601
Cochran, Doris M.: Our Friend the Frog. By Doris M. Cochran. 16 ills. in black and white, 14 ills. in color, May.....629-654
Cock (inn): London..... 196
Cockington, England, Thatched cottages at..color plate VII, page 189
Coco River, Nicaragua..... 619

Page

Cocoons, Silkworm
China....511, 513, ill. 510, 513
Hungary....ill. 712
Coffee crop: Nicaragua....600, 610, 627
Coffee Dan's (café): San Francisco.... 430
Coin ornaments, Moroccan girls wearing....color plate IV, page 310
Cold Day (café): San Francisco.... 430
Coldstream Guard: Windsor Castle, England color plate VII, page 189
Collinsville, O., Clover fields near....ill. 559
Colma, Calif.... 431
Cologne Cathedral: Cologne, Germany....659, ill. 659
Cologne, Germany....650, 664, ill. 659
Colomb Béchar oasis, Morocco.... 498
Colorado River, Bridge over....ill. 690
Colorado River toad....650, color plate V, page 639
Colt, Hungarian woman displaying....color plate I, page 697
Columbia, S. C., George Washington in.... 62
Columbus, O.: Ohio, The Gateway State. By Melville Chater. 58 ills. in black and white, 13 ills. in color, 1 three-quarters-page map, May....525-591
Airport....525, ill. 548
American Insurance Union Citadel....ill. 539
Broad Street Bridge....ill. 539
Capitol....526-527, ill. 540
City Hall....ill. 539
Colleges and universities....525, 549, 555, ill. 582
Founding of.... 525
Ohio State Fair Grounds.... 535
Regalia manufacturers....ill. 536
Common bullfrog....654, ill. 646, 647, color plate V, page 639
Common, or garden toad.... 648
Common tree-toad, or rain-toad....651-652, ill. 632, color plate II, page 636
Commune (ship): Aral Sea.... 780
Comstock Lode: Nevada.... 411
Cone dwellings: Cappadocia....color plate IV, page 504
Conical roofs, Houses with: Syria....ill. 667
Conneaut, O....532, 547, 551, 562
Connellsville, Pa....11, 18, 25
Constitution (frigate): York River, Va....ill. 50
Constitution of the United States, Adoption and ratification of....59, 62
Contrecœur: Commandant, Fort Duquesne.... 25
Conway, (Capt.) Richard.... 60
Coolidge, Calvin, Stimson sent to Nicaragua by.... 617
Coonskin Library: Ohio.... 555
Copenhagen: Royal Copenhagen, Capital of a Farming Kingdom: A Fifth of Denmark's Thrifty Population Resides in a Metropolis Famous for Its Porcelains, Its Silver, and Its Lace. By J. R. Hildebrand. 26 ills. in black and white, 14 ills. in color, Feb....217-250
Amagertorv.... 241
Amalienborg Square....236, 240, ill. 219, 220, 237, color plate VIII, page 230
Approach to....217, 220
Architecture....222, 232, 233, 236, 242, 243
Bregade....236, 240, ill. 219
Castles
Kronborg..217, 241, ill. 246, color plate VIII, page 230
Rosenborg.... 249
Christianshavn.... 243
Churches
Grundtvig....ill. 249
Marble....221, ill. 237
Our Lady.... 249
Our Redeemer....243, ill. 242
St. Albans.... 233
Citadel....232, 231, 233
Founder of....222, 247, 249, ill. 221
Fountain....231, 233, ill. 234
Fredericksbergade.... 241
Free Port....222, 231, ill. 219, 232, 238
Gammel Strand.... 247
Glyptotek (art gallery).... 250
Hojbro Plads....ill. 221
Kongens Nytorv....235, 240
Langelinie (long line)....231, 233, 234, 235, 236
"Little Mermaid" (bronze figure)....233, ill. 247
Markets....243, 245, 247, ill. 221, 233, 240
Museums....249, ill. 243, color plates II, page 224; VI, page 228
Name, Meaning of.... 222
Nygade.... 241
Ostergade....241, 243
Palace Hotel....ill. 218
Palaces.... 240
Amalienborg....236, ill. 219, 220, 237; color plate VIII, page 230
Christiansborg....249, ill. 221
Population.... 245

Page

Raadhuspladsen....240, 248
Railway Station....221, 222
Restaurants....240, 241, 248
Rigsdag....221, 249
Round Tower....242, ill. 235
Royal Guard....219, 236, 240, ill. 220, color plate VIII, page 230
Royal Porcelain Works....ill. 248
Sailors' monument....ill. 244
Shopping district....241-242, 248
Stadium....ill. 239
Statues....222, 247, ill. 221, 237
Stock Exchange....243, ill. 232
Supreme Court of Justice....221, 249
Theaters....235-236, 240, 248
Tivoli Gardens....235, 248-249, ill. 245
Town Hall....222, ill. 218, 245
Transport, Modes of....234, 242, ill. 216, 233
Vimmelskaftet.... 241
Waterfront....ill. 232
Copepods: Bermuda vicinity....70, color plate VII, page 77
Copernicus, Instruments used by: Kraków University, Poland.... 436
Coppa's (café): San Francisco.... 430
Copper mines
Belgian Congo.... 497
Turkey.... 499
Coral snake: Nicaragua.... 594
Córdoba, Francisco Hernández de, Nicaragua explored by.... 616
Corey, Herbert, London viewed from a bus top by 240
Corinto, Nicaragua....593, 600, 613, ill. 609
Corn husking: Mezökövesd, Hungary....ill. 708
Corneille, Pierre (dramatist): Native of Normandy 89
Cornwallis, (Lord) Charles.... 62
Coronation Church: Budapest....729, 735, ill. 740
Corpus Christi celebration: Budaörs, Hungary..ill. 695
Corset: Member, Citroën Trans-Asiatic Expedition. 323
Costumes
Austrian: Tyrol, The Happy Mountain Land. 10 ills. in color from natural-color photographs by Hans Hildenbrand. Mar....370-379
Danish: Denmark, Land of Farms and Fisheries. 5 ills. in color from natural-color photographs by Gustav Heurlin. Feb....222-231
Hungarian: Hungary, A Kingdom Without a King: A Tour from Central Europe's Largest Lake to the Fertile Plains of the Danube and the Tisza. By Elizabeth P. Jacobi. 22 ills. in black and white, 27 ills. in color, 1 half-page map, June....691-728
Hungarian: Rainbow Hues from Hungary. 14 ills. in color from natural-color photographs by Hans Hildenbrand. June....696-729
Khoresm, U. S. S. R....ill. 755
Manufacturers of: Columbus, O....ill. 536
Moroccan....color plates IV, page 310; V, page 311
Norman: Charm and Color Distinguish Norman Byways. 7 ills. in color from natural-color photographs by Gervais Courtellemont. Jan..90-99
Polish: In the Land of the White Eagle. 9 ills. in color from natural-color photographs by Hans Hildenbrand. Apr....436-445
Turkish: Looking in on the Everyday Life in New Turkey. 8 ills. in color from natural-color photographs by Herman H. Kreider and Maynard Owen Williams. Apr....500-509
Tyrolese: Tyrol, The Happy Mountain Land. 10 ills. in color from natural-color photographs by Hans Hildenbrand. Mar....370-379
Cotentin District, France....89, color plate VI, page 96
Cotton cloth
Bleaching and shrinking: China....518, ill. 514
Manufacture of: Kano, British Nigeria.... 489
Cotton cultivation
China.... 514
Turkey....499-500
U. S. S. R....753, 761, 764, 780
Court Order Books of Virginia counties, History traced through.... 31
Courtellemont, Gervais
Charm and Color Distinguish Norman Byways. 13 ills. in color from natural-color photographs by Gervais Courtellemont. Jan....90-99
In the Land of Cruel Desert and Majestic Mountain (Morocco). 10 ills. in color from natural-color photographs by Gervais Courtellemont. Mar....306-315
Couscous (native dish): Morocco....301, 315
Covent Garden Market: London....164, 167-169, ill. 166, 168-170
Covington, Va., George Washington goes to....32, 37
Cowboys (*csikos*): Hungary....729, ill. 706, color plate V, page 701
Cowpasture River, Va....26, 40

Page

Cox's, Friend 40
Coyote, Observing a: California 215
Crab apples, Venders of: Manchuria ..... ill. 112
Craik, (Dr.) James 40, 54, 58
Craik, William 54
Crawford, Captain, George Washington visits ..41, 44
Credner glacier: Tanganyika Territory 496
Creesy, Josiah, Horn navigated in record time by 415-416
Cresap, (Col.) Thomas 4
Cresaps, Md. (Former name of *Oldtown*, which see) ..... 4, ill. 29
Crews, Rowing: Japan 157
Cricket-frog ..... 629, 632, 634, 648, 649, 653, color plate III, page 637
Crocker family: San Francisco 410
Crockett, Calif., Sugar refinery at 414
Croghan, Colonel: Commander of Fort Pitt 41
Cromwell's Head Tavern, Boston, Mass. 27
Cross, Prayer-Book: Golden Gate Park, San Francisco ..... 429, ill. 409
Crowhurst Place: Lingfield vicinity, England color plate I, page 183
Crown Point, N. Y., George Washington visits 1, ill. 58
Csárdás (national dance): Hungary ....729, ill. 716
Csongrad, Hungary, Cartload of geese at ....color plate XV, page 727
Cuban, or Sapo, toad ....651, color plate VI, page 640
Cuban tree-toad ..... 653, color plate II, page 636
Cumberland, Md. (Formerly *Wills Creek* and *Fort Cumberland*, which see) ..... 1, 7, 11, 18, 36, 38, 39, 54, 63, ill. 7
Cumberland Road 536, 551
"Cupping," Blood-letting by: Morocco ..... ill. 289
Currin, Barnaby 11
Custis, John Parke: Stepson of George Washington 51, 60
Custis, Martha, George Washington marries 39, 40
Custis, Nellie: Stepdaughter of George Washington 60
Customs officer: Budapest ..... ill. 662
Cuyahoga Co., O. 571
Cuyahoga River, O. ..... 551, 561, 571, ill. 526, 531
Czikos (cowboys): Hungary ..... 729, ill. 706, color plate V, page 701

D

Dæmonfish: Bermuda vicinity 85, 86
Dahurs (tribe): Barga plateau, Manchuria 120
Dairen, Manchuria ..... 101, 107, 123, ill. 102-105, 108
Dairy: Rouen—Les Andelys road, France ....color plate III, page 93
Dairy products: Denmark 245, 247
Dakar, Senegal 498
Dalai Lama, Tibet 119
Damascus, Syria ..... 662, 667, ill. 668, 669
Dan River, Va., Navigation on the 35
Dana, Richard: Quoted 403, 421
Dancers, Native
Hungary ..... ill. 716
Kashmir ..... 343, ill. 336
Upper Sudan, Africa ..... ill. 477
Upper Volta, Africa ..... ill. 497
Danube River ..... 368, 370, 383, 387, 691, 695, 707, 708, 709, 720, 729, 730, 732, ill. 733, 738, 739
Danville, Va. 35
Dargan Ata (oasis), Amu Darya region, U. S. S. R. 759
Darvalik (old channel of the Oxus): U. S. S. R. .. 770
Dashkin, Kashmir 331, 335, 336
Dates transported by raft: China 747
Daughters of the American Revolution
Campsite of General Wayne marked by 13
Jumel Mansion museum under auspices of 61
Davis, Arthur P.: Khoresm Irrigation Survey 753, 759, ill. 772, 780
Day, Charles Healy, World flight of ....655, 664, 668, 669, 670, 672, 673, 674, 677, 678, 685, 690, ill. 657, 662, 671, 678, 682
Day, Gladys M.: Flying the World: In a Home-made Airplane the Author and Her Husband Enjoy 16,000 Miles of Adventurous Flight Across Europe, Asia, and America. By Gladys M. Day. 41 ills. 1 half-page map, June 655-690
Dayton, O. ..... 547, 587, 588-589, ill. 581, 583
Deauville, France, Fashion displays at 89
Debreczen, Hungary 719-720
Decs, Hungary, Natives of ..... color plates XIV, page 726; XVI, page 728
Dehrn, Germany 393
Demavend, Mount (Persia), Flying over 448, 465
Denmark
Denmark, Land of Farms and Fisheries. 14 ills. in color from natural-color photographs by Gustav Heurlin. Feb. 222-231

Page

Royal Copenhagen, Capital of a Farming Kingdom: A Fifth of Denmark's Thrifty Population Resides in a Metropolis Famous for Its Porcelains, Its Silver, and Its Lace. By J. R. Hildebrand. 26 ills. in black and white, 14 ills. in color, Feb. 217-250
Agriculture and dairy products 217, 245, 247
Education and schools ..239, 249, 250, ill. 244, color plates II, page 224; IV, page 226
Exports 217, 245
Fishing industry ..... 247, 248, ill. 240; text, plate VII, page 229; color plate III, page 225
Food ..... 217, 220, 235, 236, 240, ill. 241
Free Port ..... 222, 231, ill. 219, 232, 238
Gymnastics ..234, 235, ill. 239; text, plate IV, page 226
Porcelain industry ..... 241, ill. 248
"Ring-ring Penitentiary" ..... ill. 246
Royal family ..... 236; text, plate VIII, page 230
Shipbuilding industry ..... ill. 250
Denys, Jean (French navigator), St. Lawrence visited by 99
Depreciation Pay Surveys, Pennsylvania's 12
Depths of the Sea: Strange Life Forms a Mile Below the Surface. By William Beebe. 15 ills. in black and white, 8 ills. in color, 1 half-page map, Jan. 65-88
Derbies, green, Hungarian peasants wearing ..color plates VI, page 702; VII, page 703
Deseado, Rio, Nicaragua 594, 598, 600
Devil's Valley, Kashmir 340
Devores Ferry, Pa. 12
De Young Memorial Museum: San Francisco ..420, ill. 418
Diablo, Mount, Calif., Airplane beacon on 420
Díaz, Adolfo 617
Dickens, Charles 194, 195, 197, 558
Dickenson's, Fort at (Fort Young), Va. 37, 40
Dickinson, (Capt.) John, Fort commanded by 37
Dieppe, France 89, 90, 99
Diesel engines, Loading: Denmark ..... ill. 250
Dietkirchen, Church of: Dehrn, Germany 393
Diez, Germany, Castle of 393
Digger Indians: California 398
Dinwiddie, (Gov.) Robert, George Washington's relations with 9, 11, 14, 15, 18, 26, 30, 31, 32, 33, 37, 38, 39
Dish menders: China ..... 518, ill. 516
Dismal Swamp Company, George Washington forms 45, 59
Dismal Swamp, Va.—N. C. ..... 1, 45, ill. 45
Dives, France, William the Conqueror at 99
"Dixie," Emmett composes 578
Dogs, Savage shepherd: Turkey 500
Doian, Kashmir ..... 325, 336, 340, ill. 326
Dolomites (mountains): Italy 379
Dolores Mission (San Francisco de Asís Mission): San Francisco ..... 402, ill. 427
Dolphin Club: San Francisco 427
Domes, Brick: Zeravshan Valley, U. S. S. R. 754
Donkeys and donkey carts
Khoresm ..... 761, ill. 778, 779
Taoan, Manchuria ..... ill. 117
Dràa River, Morocco 302, 316, 317
Dragon, Paraders carry: Feast of Lanterns, Manchuria 121
Dragonfish: Bermuda vicinity ..... 79, 80, 81, 82, ill. 84, color plates I, page 71; IV, page 74; V, page 75
Drake, (Sir) Francis, San Francisco visited by 398, 409, 429
Drakes Bay, Calif. 398, 409
Drau River, Europe, Faltboating on the 368, 370, 379, 380, 381, 382
Dredges, gold, Export of: San Francisco 431
Dresden, Germany 240, 379
Drums
Morocco ..... ill. 288
Shaman with ..... ill. 116
Drygalski glacier: Tanganyika Territory 496
Dübendorf, Switzerland, Airdrome at 445
Duckbill, Stalk-eyed (deep-sea fish): Bermuda vicinity 83
Dum Dum Airdrome: Calcutta ..... ill. 678
Dunes, Sand
Amu Darya region, U. S. S. R. ..759, 769, 770, ill. 763
California ..... ill. 408
Sahara Desert ..... ill. 486, 498
Dunkard's Bottom, Cheat River, W. Va. 58, 59
Duquesne, Pa. 11, 23
Durban, Natal, Mittelholzer flies to 465
Dyeing, cloth, Pits used for: Upper Volta, Africa ill. 493

Page

Dynamometer, Strength of horses' pull registered by ....ill. 550
Dzhizak, U. S. S. R.... 754

E

Eagle Rock, Va., Fort William near.... 37
Ear lobes, Distended: Tanganyika....ill. 481
Earthquakes
Japan (1923)....132, 133, 134, 136, 137, 140, 146, 147, 151, 155
Managua, Nicaragua....600, 625
East Liverpool, O....527, 528, ill. 47, 572
East London, South Africa.... 465
Easter customs: Hungary.... 717
Easton, W. Va.... 59
Eaton Canyon, Pasadena vicinity, Calif....199, ill. 202, 214
Eaton, Daniel.... 548
Eberlein, Harold Donaldson: Some Forgotten Corners of London: Many Places of Beauty and Historic Interest Repay the Search of the Inquiring Visitor. By Harold Donaldson Eberlein. 25 ills., Feb....163-198
Echols, John.... 33
Economy, Pa., Flag station near.... 11
Edgewater Beach, Cleveland, O....ill. 533
Edible frog....654, color plate VII, page 641
Edison, Thomas A., Birthplace of: Milan, O...ill. 573
Edson, John Joy: Treasurer, National Geographic Society.... 403
Eel boats: London....178, ill. 198
Eels
Needle-jawed.... 83
Stomach-mouthed....83, ill. 82
Effigy, Saint's: Granada, Nicaragua....ill. 604
Egan, Maurice Francis.... 233
Eger, Hungary....709, 719, ill. 713
Egg sellers: Fès, Morocco....ill. 264
Eggs, alligator, Nicaraguans eat.... 597
Eiger (peak), Alps: Switzerland....ill. 462
Einod, Germany, River boats at....ill. 302
Eland: Serengeti Plain, Tanganyika.... 485
Elbe River: Germany—Czechoslovakia.... 379
Elburz Mountains, Persia....448, 466, ill. 473
El Castillo, Nicaragua....612, 617
Elephants
Africa....ill. 478, 483
Indo-China....684, 685
Elizabeth, Queen of England....172, 173
Elk horns used as medicine: Manchuria.... 129
Ellsworth, Lincoln, Polar flight of....447, 467
Elm, Logan: Logan Elm State Park, Circleville, O.....ill. 542
Elsinore (Helsingör), Denmark....217, 240, ill. 246, color plate VIII, page 230
El Viejo (volcano), Nicaragua.... 593
Embroideries, Hungarian....712, ill. 711, 714, 715, 718, color plates I, page 697; VI, page 702; VII, page 703; XVI, page 728
Emery: Turkey.... 499
Emmett, Daniel Decatur, "Dixie" written by.... 578
Emsworth, Pa.... 11
England: Nooks and Bays of Storied England. 13 ills. in color from natural-color photographs by Clifton Adams and Bernard Wakeman. Feb..182-191
See also *London*.
Enns River, Austria.... 370
Enoch, Henry, George Washington guest of.... 51
Entering the Front Doors of Medieval Towns: The Adventures of an American Woman and Her Daughter in a Folding Boat on Eight Rivers of Germany and Austria. By Cornelia Stratton Parker. 23 ills., 1 two-thirds-page map, Mar..365-394
Erfoud, Morocco....297, 298, ill. 296
Erie, Lake....536, 561, 562, 573, 574, 577, 578, 591
Eriksen, Edvard (Danish sculptor), Work of.... 247
Erok (peak): Kenya Colony.... 494
Errant (airplane): Flying the World: In a Home-made Airplane the Author and Her Husband Enjoy 16,000 Miles of Adventurous Flight Across Europe, Asia, and America. By Gladys M. Day. 41 ills., 1 half-page map, June....655-690
Esbjerg, Denmark.... 217
Esztergom, Hungary.... 708
Etna, Mount: Sicily....490, ill. 469
Etretat, France, Castle near....text, plate II, page 92
Euphrates River, Old bed of: Babylon.... 673
European bell-toad, or fire toad....650, color plate VII, page 641
Evans, Daniel.... 36
Evans, Rhoda.... 36
Evitts Run, W. Va.... 32

Page

F

Faakersee, Austria, Cornelia Parker visits.... 381
Fairfax, George William....1, 2, 3
Fairfax, (Lord) Thomas
Gig owned by....ill. 3
Washington surveys for.... 36
Fairfield, Conn.... 61
Falaise, France....89, 90; text, plate VII, page 97
Falcon (locomotive): Central Pacific Railway..ill. 402
Fall, Germany....368, 370
Fallen Timbers (battle): Ohio.... 547
Falster (island), Denmark.... 217
Faltboats: Entering the Front Doors of Medieval Towns: The Adventures of an American Woman and Her Daughter in a Folding Boat on Eight Rivers of Germany and Austria. By Cornelia Stratton Parker. 23 ills., 1 two-thirds-page map, Mar....365-394
Factory....367-368, 370
Greeting, Faltboaters'....386, 394
Photographs of.....ill. 364, 366, 367, 369, 380, 382, 387, 389-394
Price.... 367
Wagon for transporting....382, ill. 366
Fanning mill: China....522, 524, ill. 520
Fano (island), Denmark, Natives of.....color plate VII, page 229
Fantastic Sea Life From Abyssal Depths. 8 ills. in color from paintings by E. Bostelmann. Jan. 70-79
Farmers, Chinese.....ill. 519-523
Farmington, Pa., Brick tavern at....19, 27
Farnol, Jeffery, George Inn featured by.... 197
Fat-tailed sheep: U. S. S. R.....ill. 765
Fauquier, Governor.... 39
Feast of Lanterns: Manchuria....121-122
Fécamp, France.....text, plate II, page 92; color plate V, page 95
Feet, Stenciled henna designs on woman's: Morocco ill. 276
Felt cloaks, Hungarian cowboys wearing....color plate V, page 701
Felt makers, Kirghiz.....ill. 346, 347
Ferracci: Member, Citroën Trans-Asiatic Expedition....323, 333, 335, 341
Ferris wheel: Millersburg, O.....ill. 549
Ferry Building: San Francisco.....420, 427, ill. 413, 420, 423
Ferry Farm, Va., Washington's home at..56, ill. 8, 9
Ferryboats
Ohio River.....color plate I, page 563
San Francisco....420, 421, ill. 398, 413, 428, 429
Fertő Lake, Hungary—Austria....707-708
Fès, Morocco.....497; text, plate II, page 308; text, plate VI, page 312
Bou Jeloud gate.....ill. 265
Hospital dispensary.....color plate VIII, page 314
Madrasseh Bou Mania.....ill. 263, 265
Palace courtyard.....color plate I, page 307
Venders.....ill. 264
Fez, Abolition of: Turkey.... 499
Figs, Smyrna: Turkey.... 499
Finches, House.....ill. 202
Fingers, Russian mercenaries with amputated..... 130
Fire department: Tokyo.....ill. 154
Fire-toad, or European bell-toad....650, color plate VII, page 641
Firewood, Weighing: Central Asia.....ill. 337
First Christian service conducted in English on Pacific coast....398, 400, 429
First Marine Insurance Building: Tokyo.....ill. 134
First Over the Roof of the World by Motor: The Trans-Asiatic Expedition Sets New Records for Wheeled Transport in Scaling Passes of the Himalayas. By Maynard Owen Williams, Special Staff Representative of the National Geographic Society. 45 ills., 2 half-page maps, Mar. 321-363
Fish, (Dr. and Mrs.) Charles J.: Nonsuch Island Laboratory, Bermuda.....ill. 81
Fish and fishing industry
Chinatown, San Francisco.....ill. 400
Denmark.....247, 248, ill. 240; text, plate VII, page 229; color plate III, page 225
Depths of the Sea: Strange Life Forms a Mile Below the Surface. By William Beebe. 14 ills. in black and white, 8 ills. in color, 2 half-page maps, Jan.....65-88
Fantastic Sea Life From Abyssal Depths. 8 ills. in color from paintings by E. Bostelmann. Jan. 70-79
Indo-China .....ill. 684
Nicaragua.....597, 612, ill. 596
Put in Bay, O.....ill. 552
Rfo de Oro.... 487

Page

St. Ives Bay, England....color plate III, page 185
Fishers' Bastion: Budapest, Hungary.....ill. 735, 740
Fishing fish: Bermuda vicinity.....86, 88, ill. 64
Fishskin Tatars: Manchuria.....101, 128, 129, 130, ill. 109, 116, 125, 127
Fishwives, Danish.....ill. 240
Flag, Sandino's.....ill. 611
Flagpole, Site of Fort Necessity marked by....ill. 17
Flandrin, M.: In the Land of Cruel Desert and Majestic Mountain (Morocco). 2 ills. in color from natural-color photographs by M. Flandrin. Mar. 306-315
Flask, Chinese boy carrying.....ill. 109
Flaubert, Gustave: Native of Normandy..... 89
Fletcher, John, Birthplace of...text, plate IV, page 186
Flies, Citroen Trans-Asiatic Expedition harassed by 335, 336, 341
Flights from Arctic to Equator: Conquering the Alps, the Ice Peaks of Spitsbergen, of Persia, and Africa's Mountains of the Moon. By Walter Mittelholzer. 53 ills., 1 three-quarters-page map, Apr.....445-498
Floats, Parade: Tokyo.....ill. 139
Flood control, Chinese methods of.....ill. 515
Flood family: San Francisco..... 410
Floral carpets: Budaörs, Hungary.....ill. 695
Flour, Turkish peasants making....color plate VII, page 507
Flower industry: San Francisco..... 431
Flower markets: Denmark.....243, 247, ill. 221, color plate V, page 227
Flower portrait, John McLaren's: Golden Gate Park, San Francisco.....ill. 419
Fly, O., Ferry at.....color plate I, page 563
Fly Trap (café): San Francisco..... 430
Flying Cloud (clipper ship), Record trip of..... 416
Flying fish: Bermuda vicinity..... 66
Flying snails: Bermuda vicinity.....ill. 83
Flying the World: In a Homemade Airplane the Author and Her Husband Enjoy 16,000 Miles of Adventurous Flight Across Europe, Asia, and America. By Gladys M. Day. 41 ills., 1 half-page map, June.....655-690
American Continent.....689-690
Central Europe to Balkans..... 662
Construction of plane.....655-656
Dengue fever siege.....668, 678
Distance flown..... 655
Engine trouble and repairs.....669-670, 672-674, 677, 678, 680, 683, 684, 685, 687, 688, ill. 664, 679, 680
England, Take-off from..... 662
Equipment and rations.....656, 657, 664
Expenses.....655, 656, 662, 678, 689
Far East....681, 683, 685-689, ill. 682, 684, 685, 687
France 658
Germany 658-659
March through jungle.....672-674, ill. 679
Near East.....662, 664-665
Route 655
Speed 656
Start 657
Foalskin wine jar, Cowboy's: Hungary.....ill. 706
Foochow, China.....686, 687, ill. 684
Food, Native
  Baghdad, Iraq.....ill. 672
  Denmark.....217, 220, 235, 236, 240, ill. 241
  Hungary.....691, 694, 705, 719
  Khoresm, U. S. S. R.....768-769
  Nicaragua.....597, 626, ill. 595
Football
  Hungary..... 696
  Japan.....156, 157
  Ohio State University Stadium.....ill. 582
Footgear
  Japanese...138, 140, 141, ill. 137, 138, 146, 152, 156
  Moroccan....color plates III, page 309; IV, page 310
Forbes, W. Cameron: American Ambassador to Japan.....155, ill. 142
Foreign Legion: Morocco..265, 266, 268, 273, 274, 275, 276, 290, 298, 302, 306, ill. 268, 278
Fort Ancient mounds: Lebanon vicinity, O..... 532
Fort Ashby, Site of: Alaska, W. Va.....ill. 37
Fort Bayard, China..... 685
Fort Blackwater, Va.....33, 36, 40
Fort Cocke, W. Va..... 40
Fort Cumberland, Md. (Former name of *Cumberland*, which see).....7, 36, 39, 51
Fort Dickinson, Va..... 40
Fort Dinwiddie, Va.....25, 26
Fort Duquesne, Site of (Pittsburgh, Pa.)..22, 25, 27, 29, 39, ill. 21
Fort Frédéric, Crown Point, N. Y..... 58
Fort Harmar, O.....46, 48
Fort Humphreys, Va..... 624
Fort Le Bœuf, Pa.....1, 10, 13, 14, 16, 17, 18, 21
Fort Loudoun, Winchester, Va., Cannon at....ill. 39

Page

Fort Mayo, Va.....33, 34, 35, 36, 40
Fort Necessity, Pa.....19, 22, 25, 41, 54, ill. 17, 19
Fort Pitt (Pittsburgh, Pa.).....40, 41, 51, ill. 21, 29
Fort Recovery, O., Monument at.....ill. 579
Fort Ticonderoga, N. Y.....58, ill. 63
Fort Trial, Va.....33, 34, 35, 36
Fort Vaux, Va.....32, 33
Fort William, Va.....32, 36, 37, 40
Fort Young, Va.....37, 40
Fortresses
  Budapest, Hungary.....ill. 735, 740
  Morocco.....275, 284, 289, 299, 302, 306, 318, ill. 268, 269, 272, 273, 296, 298, 299, 303, 304, 316
  Turkey.....499, color plate I, page 501
Fortune teller: Manchuria..... 111
Foucauld, Vicomte de: African explorer..... 265
Foum Kheneg (gorge), Ziz River, Morocco...289, 290, 295, ill. 291
Fountains
  Copenhagen, Denmark.....231, 233, ill. 234
  Granada, Nicaragua.....ill. 607
Fowler's toad.....650, color plate VI, page 640
Fox hunters: England.....ill. 173
Foxes, Observing and photographing: California 199, 201, 213, 214, ill. 205, 212
France: See *Normandy*.
Franco-Turkish war (1919-21)...text, plate I, page 501
Frankfort, Germany..... 659
Franklin, Benjamin.....59, 177
Franklin Co., Va..... 33
Franklin, W. Va..... 25
Frank's (café): San Francisco..... 430
Fraunce's Tavern: New York City.....53, ill. 52
Frazier's cabin, Pittsburgh vicinity.....11, 18
Fredericia, Denmark, Ferry station near.....text, plate II, page 224
Frederick Co., Va., Court Order Books of..... 31
Frederick, Md., George Washington in....19, 59, 62
Frederick III, King of Denmark, Citadel built by 231
Frederick V statue: Copenhagen, Denmark.....ill. 237
Fredericksburg, Va.
  Aerial view of.....ill. 9
  George Washington's activities in vicinity of 8, 9, 25, 26, 51, 56, 59, 62
  Tomb of Mary Washington.....ill. 57
Fredericktown, Va. (Former name of *Winchester*, which see.).....3, 19, 36
Freeman, (Maj.) Thomas..... 54
Fremont, O., Home of Rutherford B. Hayes at..ill. 537
French and Indian War: Travels of George Washington: Dramatic Episodes in His Career as the First Geographer of the United States. By William Joseph Showalter. 50 ills., 5 maps (1 special supplement in colors). Jan.....1-63
French Creek, Pa., George Washington travels on 14, 15
Freshwater, Isle of Wight, England, Cottage near text, plate VIII, page 190
Fribourg, Switzerland.....453, ill. 459
Friends', Charles, George Washington at..... 59
Frog-fishes: Bermuda vicinity..... 70
Frog gig, Bullfrogs captured with.....ill. 646
Frog legs, Marketing and preparation of..645, 648, ill, 647
Frogs
  Iridescent Beauty of Frogs and Toads. 14 ills. in color from paintings by Hashime Murayama. May.....634-643
  Our Friend the Frog. By Doris M. Cochran. 16 ills. in black and white, 14 ills. in color. May 629-654
  Appearance 629-630, 649
  Aquatic habits..... 632
  Camouflage, Art of..ill. 632, 648; text, plate VIII, page 642
  Captives 648, 649
  Color change.....text, plate II, page 636
  Commercial importance of..645, 648, ill. 646, 647
  Edibility....645, 648, ill. 647, text, plates IV, page 638; V, page 639; VII, page 641
  Eggs.....632-633, 643, ill. 644
  Feeding habits.....630-631, 645, 648; text, plates I, page 635; VII, page 641
  Gig used for capturing.....ill. 646
  Hibernation 634, 643
  Life history chart of.....ill. 631
  Metamorphosis.....633-634, 643, ill. 631
  Muscular power..... 645
  "Showers" of..... 643
  Song.....630, 630, 649
  Species. See *bullfrog, cricket-frog, edible frog, green frog, hermit spadefoot, leopard-frog, mountain chicken, Müller's clawed frog, Oregon red-legged frog, pickerel-frog, pig-frog, tree-toads* and *wood-frog*.
  Superstitions concerning.....643-644
  Tadpoles.....633-634, 643, 644

Page

Frostburg, Md. 11, 22
Fruit sellers: Mohács, Hungary..color plate XI, page 723
Fry, (Col.) Joshua 18
Fuchin, Manchuria 127, 128
Fuji: Japan 133
Funeral customs: Upper Volta, Africa ..... ill. 497
Furka Road, Alps 449
Fushun, Manchuria, Open coal mine at ..... ill. 100
Fyn (Island), Denmark..color plates I, page 223; V, page 227

G

Gabriel, (Col.) Vivian: Citroën Trans-Asiatic Expedition 323, 332, 333, 335, 340, 341
Gage, (Col.) Thomas, British troops under 23
Gallia Co., O. 547
Gallipolis, O. 1, 538, 547, 556
Game preserve: Serengeti Plain, Tanganyika..ill. 485
Games, Meija Jinja: Tokyo ..... ill. 144
Ganges River, India, Flying over the 668
Gao, French Sudan 491
Garden of Eden, Flying over site of 664
Gates, (Gen.) Horatio 62
Gaufreteau: Member, Citroën Trans-Asiatic Expedition 323
Gaya, India 665, 668, 678
Gayer, Jacob: Where the Winning of the West Began (Ohio). 13 ills. in color from natural-color photographs by Jacob Gayer. May 562-571
Gazelles: Africa ..... 485, 492, ill. 484
Gazi antep (citadel), Turkey..499, color plate I, page 501
Gazi antep Province, Turkey....text, plate V, page 505
Geese
  Club Row Market, London ..... ill. 171
  Csongrad, Hungary ..... color plate XV, page 727
"Gefion Plowing up Zealand" (fountain): Copenhagen, Denmark ..... 231, 233, ill. 234
Geisha parties: Japan 162
Geneva, Switzerland ..... 446, ill. 457
Genghis Khan Mountain, U. S. S. R. 761
George V, King of England, Giant sturgeon presented to 171
George, The: London ..... 196-197, ill. 194, 197
Georges Creek, Md. 11, 22
Georgetown (D. C.), George Washington in 59, 62
Germany: Entering the Front Doors of Medieval Towns: The Adventures of an American Woman and Her Daughter in a Folding Boat on Eight Rivers of Germany and Austria. By Cornelia Stratton Parker. 23 ills., 1 two-thirds-page map. Mar. 365-394
Getas (clogs), Japanese..138, 140, 141, ill. 137, 138, 146, 152, 156
Gez River, Sinkiang ..... 361, 362, ill. 359
Gheris River, Morocco 296, 297
Gieszen, Germany 389
Gig, Lord Fairfax's ..... ill. 3
Gilgit, Kashmir, Citroën Trans-Asiatic Expedition in 321, 322, 329, 331, 333, 335, 337, 340, 341, 348, 349
Gilgit River, India 341
Gilpin, Colonel, George Washington travels Potomac with 59
Giraffes: Africa ..... 485, ill. 479
Gist, Christopher: Guide of George Washington 11, 13, 14, 15
Gist, Thomas 41
Glacial bowlder, Indian trail marked by: Ohio..ill. 561
Glaciers ..... 349, ill. 344
Gladisfen: Beebe's tug boat ..... 66, 68, ill. 69, 80
Glaoua clan: Morocco ..... 284, 285, 298, 299, 300, 301, 302, 306, ill. 300, 317
Glaoui: Chieftain, Glaoua tribe, Morocco..284, 285, 299, 300, 301, 302, 306, ill. 300
Glaoui Pass: Morocco 302
Glärnisch (peak), Alps: Switzerland ..... ill. 458
Gleaming-tailed serpent dragonfish: Bermuda vicinity ..... color plate IV, page 74
Gleinach Rapids, Drau River, Austria 382
Gletsch, Switzerland 449
Glyptotek (art gallery): Copenhagen, Denmark 250
Goat cart, Nicaraguan boy in ..... ill. 618
Goat Island (Yerba Buena), Calif. ..... 420, ill. 398, 405
Goats: Turkey ..... 500; text, plate V, page 505
Goblingtown, Va. 33
Godai, Kashmir 333
Goethe-Schiller Monument: Golden Gate Park, San Francisco 429
Goitered men: Dashkin, Kashmir 335
Gold Bug II (faltboat): Entering the Front Doors of Medieval Towns: The Adventures of an American Woman and Her Daughter in a Folding Boat on Eight Rivers of Germany and Austria. By Cornelia Stratton Parker. 23 ills., 1 two-thirds-page map, Mar. 365-394

Page

Gold dredges, San Francisco exports 431
Gold mines
  Belgian Congo 497
  California 395, 403, 406-407, 410
  Nicaragua 612
Gold Rush days: California 395, 403, 404, 406-407, 410, 421, 426, 431, 616
Golden Gate: San Francisco ..... 395, 396, 398, 402, 411, 413, 414, 416, 417, 418, 421, 422, 427, ill. 422, 423, 430, 688
Golden Gate Park: San Francisco ..... 427, 428-430, ill. 406, 408, 409, 418, 419, 423
Golden Horn, Istanbul ..... 500, ill. 660
"Golden Scarab" (car): Citroën Trans-Asiatic Expedition ..... 322, 333, 335, 341, 363, ill. 331
Golden Spike incident: Promontory Point, Utah.. 410
Goldi (Fishskin Tatar tribe): Manchuria 128
Goldsmith, Oliver, Death of 172
Golf, Chang Hsüeh-liang playing: Manchuria...ill. 114
Golf clubs: Japan 157
Golodnaya Steppe, U. S. S. R. 754
Goodwin, (Dr.) William A. R.: Bruton Parish Church, Williamsburg, Va. 48
Gorals (highlanders): Poland...color plate IV, page 440
Goundafa tribesmen: Morocco..304, 306, 315; text, plate IV, page 310
Goundafi: Chieftain, Goundafa tribe, Morocco 306, 315; text, plate IV, page 310
Goundafi, Kasba: Morocco ..... 284, ill. 304
Goustimesnil, Castle of: Fécamp vicinity, France color plates II, page 92; VI, page 96; VIII, page 98
Gracias á Dios, Cape: Nicaragua 615
Grain, Hungarians harvesting....color plates IX, page 721; XII, page 724; XIII, page 725
Gramophone: Morocco 315, 318
Granada, Nicaragua..599, 600, 608, 613, 614, 615, 616, 619-620, 624, 627, ill. 595, 604-608
Grand Canyon, Ariz., Bridge spans the ..... ill. 690
Grande, Rio, Nicaragua, Suspension bridge across ill. 621
Granite quarries: Japan 141
Grant, (Gen.) U. S.
  Birthplace of ..... ill. 535
  Civil War general 578
Grant's gazelles: Africa 492
Grantsville, Md. ..... 22, ill. 22, 23
Granville, Mass. 554
Granville, O. 534, 554
"Grape Presser," Rodin's statue of: Golden Gate Park, San Francisco 429
Grapes ..... 756, ill. 205, 577, 715
Gray fox: California ..... ill. 212
Great Crossing, Pa. (Former name of *Somerfield*) 41, 54
Great Falls, Potomac River ..... 42, 59, ill. 43
Great Horned Owl ..... 213, ill. 203
Great Meadows, Pa. 18, 19, 41, 54
Great Serpent Mound: Portsmouth, O. ..... ill. 543
Greek Theater: Berkeley, Calif. ..... ill. 434
Greely, (Maj. Gen.) A. W.: Trustee, National Geographic Society 403
Green frog ..... 654, color plate I, page 635
Green Harbor, Spitsbergen 447
Green tree-toad ..... 652, color plate I, page 635
Greene, (Gen.) Nathanael 62
Greenville, O., Monument at..color plate VII, page 569
Greenville, Treaty of, Ohio made safe for settlers by ..... 547; text, plate VII, page 569
Greenway Court, Va.: Lord Fairfax estate 3
Greifenburg, Austria 380
Greyhounds: Manchuria 113-114
Greytown (San Juan del Norte), Nicaragua ... 597, 598, 608, 609, 616, 627
Grimsel Road, Alps 449
Grindelwald, Switzerland 462
Grindstones, Quarrying: Marietta vicinity, O...ill. 560
Grosvenor, Gilbert: Map of the Travels of George Washington. Special supplement in colors. Gilbert Grosvenor, LL.D., Litt.D., Editor. Jan., 1932.
Grosvenor, Melville Bell: Poland, Land of the White Eagle. By Melville Bell Grosvenor. 12 ills. in color, Apr. 435-445
Grundtvig Church: Copenhagen, Denmark ..... ill. 249
Grundtvig, Nikolai Frederik: Danish pastor-poet 249, 250
Guanajuato, Mexico, Diego Rivero born in 407
Guards, Royal
  Budapest, Hungary ..... ill. 736
  Copenhagen, Denmark ..... 210, 236, 240, ill. 220, color plate VIII, page 240
Guigo River, Morocco 276
Guildhall: London 169
Guilford, N. C., George Washington in 62
Gulmit, India 338, 341, 342, 343
Guns
  Erfoud, Morocco ..... 298, ill. 296
  Presidio, San Francisco ..... ill. 417
  Winchester, Va. ..... ill. 38, 39

Page

Gurais, Kashmir ... 330
Gurikot, Kashmir ... 335
Gurlen, U. S. S. R. ... 770, 772
Gwadar, Baluchistan ... 665, 675, ill. 676
Gyenesdiás, Hungary ... text, plate IV, page 700
Gymnastics: Denmark ... 234-235, ill. 239, text, plate IV, page 226
Győr, Hungary ... 708

H

Haardt, Georges-Marie: Leader, Citroën Trans-Asiatic Expedition ... 321, 323, 330, 331, 335, 340, 341, 349, 361, 363, ill. 322, 337
Hackin, Jean: Citroën Trans-Asiatic Expedition ... 323, 349, 355
Hailar, Manchuria ... 130, ill. 123
Half-King: Seneca Indian chief ... 11, 12, 13, 14, 15, 16, 18, 45
Halifax Co., Va. ... 31, 33
Halifax Court House, Va., Search of records at ... 34
Hamadcha sect, Ritual dances of: Morocco ... text, plate VII, page 313
Hameln, Germany, Faltboating to ... 370
Hamlet, Danish productions of ... 240; text, plate VIII, page 230
Hammada (steppe): Morocco ... 290
Hammocks: Nicaragua ... 621, ill. 597
Hancock, Md. ... 3, 4
Hands, Hennaed ... ill. 276, color plate V, page 505
Hangman's dock: London ... 192, 193, ill. 192
Hanks, Nancy, Birthplace of ... 4
Hanoi, Tonkin ... 685, ill. 684
Hanover, Pa. ... 63
"Happy Retreat" (Home of Charles Washington): Charles Town, W. Va. ... 60, ill. 30
Harbin, Manchuria ... 101, 104, 130
Harding Memorial: Marion, O. ... color plate IV, page 566
Hardy, Thomas, Bournemouth, England, described by ... text, plate IV, page 186
"Harewood" (Home of Samuel Washington): Charles Town vicinity, W. Va. ... ill. 32, 33
Harfleur, France ... 90
Harmar Hill, Marietta, O., View from ... ill. 46
Harmonical Society: Cincinnati, O. ... 590
Harpers Ferry, W. Va. ... 59, ill. 42
Harris, (Capt.) Samuel ... 33, 34
Harrisburg, Pa. ... 12, 63
Harrison, Benjamin, Birthplace of: North Bend, O. ill. 560
Harrison, William H. ... 538, 556, 560, 590
Harrisonburg, Va. ... 31
Hartebeest: Serengeti Plain, Tanganyika ... 485
Hartford, Conn. ... 61, 62
Hartford Light Horse ... 61
Hartmann, Pilot: Mittelholzer's African flight 467, 470, 475, 476, 477
Hasar (Son of Kublai Khan), Mongols descended from ... 106, 107
Hashish eaters, Murderous band of: Persia ... 472
Hassan El: Chief of Zaian tribe, Morocco ... 271, ill. 270
Hastings, Battle of ... 89, 99
Hatchetfish: Bermuda vicinity ... color plate II, page 72
Hatton, Christopher, Ely Place, London occupied by 173
Haverhill, Mass. ... 62
Havre, France ... 89, 99
Haydn Society: Cincinnati, O. ... 590
Hayes, Rutherford B., Home of: Spiegel Grove, Fremont, O. ... ill. 537
Head burdens, Women balancing ... ill. 618, color plate XI, page 723

Headgear
Amu Darya valley, U. S. S. R. ... ill. 755, 766, 777-779
Hungary ... 712, ill. 706, 708, 714-718, color plates I, page 697; IV-VIII, pages 700-704; IX-XVI, pages 721-728
Hunza (India) ... 349, ill. 332, 333, 336, 337, 339, 341
Japan ... ill. 147
Kashgar, Sinkiang ... 363
Kashmir ... 330, 333
Kirghiz ... 349, ill. 340, 346, 347, 352, 354, 360
Normandy ... color plates I, page 91; II, page 92; V, page 95; VI, page 96; VIII, page 98
Headley Tavern: Zanesville vicinity, O. ... 562, color plate VII, page 569
Hedebo (cutwork): Denmark ... 241
Hedges, Solomon ... 4-5
Heilungkiang Province, Manchuria ... 104, 105, 129
Hĕiĕ (Fishskin Tatar tribe): Manchuria ... 128
Helsingör (Elsinore), Denmark ... 217, 240, ill. 246, color plate VIII, page 230
Hendrysburg, O., "S" Bridge near ... ill. 535
Hennaed hands and feet, Women with
Anatolia ... color plate V, page 505
Morocco ... ill. 276
Henry Co., Va. ... 33

Page

Henry VIII Gateway of Windsor: England ... color plate VII, page 189
Henry VIII, Statue of: St. Bartholomew's Hospital, London ... ill. 179
Henry, Patrick ... 51
Hermit spadefoot frog ... 650, color plate VI, page 640
Heston Airport, England ... 657
Hetch Hetchy Valley, Calif., O'Shaughnessy Dam in 434
Heurlin, Gustav: Denmark, Land of Farms and Fisheries. 14 ills. in color from natural-color photographs by Gustav Heurlin. Feb. ... 222-231
Heves County, Hungary, Blessing wheat crop in ... ill. 710
Hibija Park: Tokyo, Japan ... 131, 137
Hickey, John, George Washington visits ... 35
Hickey's Fort, Va. ... 33
Hickey's New Road, Va., Route of ... 35
Hickey's Road, Va., Route of ... 35
Hijiri Bridge: Tokyo ... ill. 150
Hildebrand, J. R.
Budapest, Twin City of the Danube. By J. R. Hildebrand. 3 ills., in black and white, 10 ills. in duotone, June ... 729-742
Royal Copenhagen, Capital of a Farming Kingdom: A Fifth of Denmark's Thrifty Population Resides in a Metropolis Famous for Its Porcelains, Its Silver, and Its Lace. By J. R. Hildebrand. 26 ills. in black and white, 14 ills. in color, Feb. ... 217-250
Hildenbrand, Hans
In the Land of the White Eagle (Poland). 12 ills. in color from natural-color photographs by Hans Hildenbrand. Apr. ... 436-445
Rainbow Hues from Hungary. 26 ills. in color from natural-color photographs by Hans Hildebrand. June ... 696-729
Tyrol, The Happy Mountain Land. 11 ills. in color from natural-color photographs by Hans Hildenbrand. Mar. ... 370-379
Hillsboro, Va. ... 54
Himalaya Mountains: First Over the Roof of the World by Motor: The Trans-Asiatic Expedition Sets New Records for Wheeled Transport in Scaling Passes of the Himalayas. By Maynard Owen Williams, Special Staff Representative of the National Geographic Society, 45 ills., 2 half-page maps, Mar. ... 321-363
Hindi, India ... 342
Hindu Kush (mountains): Asia ... 349
Hinlopen Strait, Spitsbergen ... 447
Hinnom, Valley of: Jerusalem ... ill. 670
Hirohito, Emperor of Japan ... 131, 140, 142, 144, 147, 151, 162, ill. 132
"History of California" (Bancroft): Quoted ... 407
"History of California" (Cleland): Quoted ... 406, 408
Hobart, Alice Tisdale: How Half the World Works. By Alice Tisdale Hobart and Mary A. Nourse. 22 ills., Apr. ... 509-524
Hockey: Japan ... 157
Hohenzollern Bridge: Cologne, Germany ... ill. 659
Holberg, Ludvig (Scandinavian writer) ... 240
Hollister, Gloria: Nonsuch Laboratory ... ill. 81
Hollywood (showboat): Ohio River ... ill. 556
Holmes County Fair, Millersburg, O. ... ill. 537, 549
Honfleur, France ... 89, 99
Hong Kong, China ... 685, 686, ill. 681, 686
Hoover, Herbert, Nicaraguan mining experience of 612
Ho-pei (Chihli), China, Cotton grown in ... 514
Hopewell area, Chillicothe, O. ... 534
Hopkins family: San Francisco ... 410
Hopper, De Wolf ... 426
Horikiri: Former mayor of Tokyo ... 154, ill. 132
Horn, Cape, Sailing ships traveled around ... 397, 403, 406, 409, 410, 416
Horned toad ... 653, color plate VIII, page 642
Horse fairs: Normandy ... 90
Horses
Hungary ... 719, 720, ill. 730, color plates I, page 697; II, page 698; V, page 701; XIII, page 725
Nicaragua ... 614, 615
Horthy de Nagybánya, (Adm.): Regent of Hungary ... 691, 736, ill. 731
Hortobágy plain, Hungary ... 720, ill. 719
Hospitals
Dairen, Manchuria ... ill. 105
Dispensary: Fès, Morocco ... color plate VIII, page 314
Mission: Manchuria ... 111-112
Hot Springs, Va. ... 32
Houlgate, France, Porcelain menagerie at ... color plate VIII, page 98
House Finches, or Linnets: California ... ill. 202
How Half the World Works. By Alice Tisdale Hobart and Mary A. Nourse. 22 ills., Apr. ... 509-524
Hsiashuitsu, China ... 744
Hudson's Bay Company, California fur post of ... 403
Human sacrifice, Altars for ... 624
Humming birds and nest: California ... ill. 203

Page

Hungary
Hungary, A Kingdom Without a King: A Tour from Central Europe's Largest Lake to the Fertile Plains of the Danube and the Tisza. By Elizabeth P. Jacobi. 22 ills. in black and white, 27 ills. in color, 1 half-page map, June 691-728
Agriculture..696, ill. 708-710, color plates II, page 698; III, page 699; VIII, page 704; IX, page 721; XII, page 724; XIII, page 725
Area and population 707
Country estates....694, 696, 705, 707; color plate IV, page 700
Food, Native....691, 694, 705, 719
History and government. 691, 693, 705, 713, 719, 729-730, 732, 741-742; text, plate IX, page 721
Language 741
Legends....705, 707
Magyars..695, 707, 716, 720, 732; text, plate II, page 698; XVI, page 728
Manners and customs..712, 717, ill. 695, 711, 716; text, plate VII, page 703
Peasant homes. 695, 696, color plate VIII, page 704
Political status of 691
Puszta (plain)..696, 720, ill. 719; color plates II, page 698; V, page 701
Sports and games 696
Rainbow Hues from Hungary. 27 ills. in color from natural color photographs by Hans Hildenbrand. June....696-729
See also *Budapest.*
Hunters Point, Calif., Dry dock at 397
Hunting Creek, Va 56
Huntington, C. P 410
Hunza Gorges, India 341
Hunza River, India....ill. 320
Hunza state, India: First Over the Roof of the World by Motor: The Trans-Asiatic Expedition Sets New Records for Wheeled Transport in Scaling Passes of the Himalayas. By Maynard Owen Williams, Special Staff Representative of the National Geographic Society. 45 ills., 2 half-page maps, Mar....321-363
Mir and palace of....343, ill. 333, 334, 336, 337
Natives of....327, 333, 342, 343, ill. 332, 339
Village group of....342, ill. 334
Huron, O. 573
Hut, Straw: Hortobágy plain, Hungary....ill. 719
Hwang Ho, China: Raft Life on the Hwang Ho. By W. Robert Moore. 14 ills., June....743-752
Hyacinthine Leaf-Jelly: Bermuda vicinity..69, 82, ill. 86
Hydroplanes: Flights from Arctic to Equator: Conquering the Alps, the Ice Peaks of Spitsbergen, of Persia, and Africa's Mountains of the Moon. My Walter Mittelholzer. 53 ills., 1 three-quarters-page map, Apr....445-498
Hythe, England, Scots at....color plate VIII, page 190

I

Ibsen, Henrik, (Norwegian dramatist) 240
Ice, Steamer crushed by: Ohio River....ill. 554
Ice's Ferry, Site of: Cheat River, W. Va...59, ill. 7
Idols: Zapatera Island, Lake Nicaragua..623, 627, ill. 624, 626
Idriss Ben Abd Allah: Morocco's national saint text, plate VII, page 313
Impala: Serengeti Plain, Tanganyika 485
Imperial Airways....664, 665, 671, 675
Imperial Diet: Tokyo....ill. 141
Imperial Palace: Tokyo...134, 135, 146, 147, 150, 151
Imperial Theater: Tokyo....138, 147, ill. 143
In the Land of Cruel Desert and Majestic Mountain (Morocco). 12 ills. in color from natural-color photographs by Gervais Courtellemont and M. Flandrin. Mar....306-315
In the Land of the White Eagle (Poland). 12 ills. in color from natural-color photographs by Hans Hildenbrand. Apr....436-445
Incense sticks, Preparing: China....ill. 512
Inclined-plane railway: Cincinnati, O....ill. 576
India
First Over the Roof of the World by Motor: The Trans-Asiatic Expedition Sets New Records for Wheeled Transport in Scaling Passes of the Himalayas. By Maynard Owen Williams, Special Staff Representative of the National Geographic Society. 45 ills., 2 half-page maps, Mar....321-363
Flying the World: In a Homemade Airplane the Author and Her Husband Enjoy 16,000 Miles of Adventurous Flight Across Europe, Asia, and America. By Gladys M. Day. 41 ills., 1 half-page map, June....655-690
Indian Ocean....467, 470, 475, 490

Page

Indians
Bowlder marks trail of....ill. 561
Digger: California 398
Greenville, O., monument viewed by..color plate VII, page 569
Mounds attributed to 527
Travels of George Washington: Dramatic Episodes in His Career as the First Geographer of the United States. By William Joseph Showalter. 50 ills., 5 maps (1 special supplement in colors), Jan. 1-63
Indus River, India 340
Inland Sea, Japan....133, 152
Inn River, Germany—Austria....368, 370, ill. 383; text, plate II, page 372
Innsbruck, Austria..383, color plates II, page 372; VII, page 377
Inouye: Minister of Finance, Japan 153
Inscription Rock: Kelleys Island, O....ill. 533
Iowa State—Ohio State football game....ill. 582
Iridescent Beauty of Frogs and Toads. 14 ills. in color from paintings by Hashime Murayama. May....634-643
Iron and steel industry: Ohio....548, 550, ill. 532, 544, color plates II, page 564; III, page 565
Iron mines
Lake Superior 544
Turkey 499
Irrigation
Chinese methods of....ill. 522
Surveying Through Khoresm: A Journey into Parts of Asiatic Russia Which Have Been Closed to Western Travelers Since the World War. By Lyman D. Wilbur. 31 ills., 1 two-thirds-page map, June....753-780
Irwin, Major, Citroën Trans-Asiatic Expedition meets....332, 335
Irwin, Pa. 25
Isar River, Germany....367, 368, 370, ill. 364, 385, 387, 392
Isel River, Austria 379
Isfahan, Persia....448, ill. 471
Isla de los Muertos (Island of the Dead), Nicaragua....627, ill. 625
Istanbul, Turkey....500, 662, ill. 660, 665
Itzer fortress, Morocco....278, 280
Ivorydale, Cincinnati, O. ....ill. 574, 575
Izmir (Smyrna), Turkey....499, 500
Izvoshchik (Russian cab): U. S. S. R....753, ill. 755

J

Jack's (café): San Francisco 430
Jackson, (Maj.) William 61
Jacksons River, Va. 25, 26, 32, 36
Jacobi, Elizabeth P.: Hungary, A Kingdom Without a King: A Tour from Central Europe's Largest Lake to the Fertile Plains of the Danube and the Tisza. By Elizabeth P. Jacobi. 22 ills. in black and white, 27 ills. in color, 1 half-page map, June....691-728
Jacobi, István....695, 707, 717, 719, 720
Jacobi, János....695, 707, 719, 720
Jacobs Creek, Pa. 11
Jacobsen, Carl, Copenhagen endowed by....234, 250
Jacovleff, Alexandre: Citroën Trans-Asiatic Expedition....323, 349
Ják, Hungary, Church at 707
James River, Va. 32
Japan
Days' air trip through....689, ill. 687
Tokyo To-day. By William R. Castle, Jr. 33 ills., Feb....131-162
Athletics and sports....136, 137, 156-157, 160, ill. 144, 149, 158, 159, 161
Dress, Mode of....133, 137, 138, 140, 142, 162, ill. 137, 138, 146, 147
Earthquake 132, 133, 134, 136, 137, 140, 146, 147, 151, 155
Education and schools....133, 155, 156, 160, 161, ill. 144, 158, 161
Emperor ....131, 135, 140, 142, 144, 146-147, 151, 162, ill. 132
Flora ....137, 146, 150, 153, 157, ill. 145, 152
Mineral resources 141
Newspapers 161
Religious shrines....147, 153, 155, ill. 159
Theaters and the drama....160-161, ill. 138, 143
Jars
Foalskin ....ill. 706
Straw-covered....124, ill. 110
Jask, Persia....665, ill. 675
Javali mine: Santo Domingo, Nicaragua 612
Javelin-thrower, Japanese girl....ill. 159
Jay, California ....ill. 215

Page

Jeffreys, Judge, Wapping (London) associations of 192, 195
Jellyfish, Deep-sea: Bermuda vicinity..69, 82, ill. 86
Jerusalem, Palestine....662, 664, ill. 670
Jewesses: Erfoud, Morocco....298, ill. 296
Jhelum River, Kashmir....321, ill. 324
Jinrickshas
  Hong Kong....ill. 681, 686
  Tokyo 136, 141
Joan of Arc, Rouen is town of.... 99
Jodhpur, India....665, ill. 677
Johnson Island, O., Confederate prisoners at..... 578
Johnson, Martin, Tanganyika game photographed by 490
Johnson, Samuel....168, ill. 172
Johnson, Thomas, George Washington aided by.. 30
Johnston, James: Founder, Columbus, O..... 525
Jones, Inigo, Square and church designed by..... 168
Jourdan, Doctor: Citroën Trans-Asiatic Expedition 323, 335, 353
Journals of the Virginia House of Burgesses..... 31
Juby, Cape: Río de Oro....481, 488
Jugara (sorghum cane): Khoresm....ill. 767
Jumel Mansion: New York City....ill. 61
Jumonville, Coulon de....18, 41
Jumur Tau, U. S. S. R.... 771
Jungfrau (peak), Alps: Switzerland....ill. 462
Junkers Spitsbergen Expedition, Mittelholzer joins 447
Junkers Works, Mittelholzer engaged by.....447, 448
Junks, Chinese: Dairen, Manchuria....ill. 108

K

Kabobs for sale: Kano, British Nigeria....ill. 491
Kabuki-za Theater: Tokyo....160, ill. 138
Kaikan Restaurant: Tokyo....ill. 143
Kailas Range, India.... 342
Kainarsky: Interpreter, Khoresm Irrigation Survey 753
Kanawha River, W. Va....1, 16, 47, 49
Kanda River: Tokyo....ill. 150
Kang (heated brick bed): Manchuria....115, 119
Kano, British Nigeria....498, ill. 489-491
Kansu Province, China.... 743
Kant Usyak, U. S. S. R.... 777
Kaoliang (grain), Liquor distilled from: Manchuria 109
Karachi, India.... 665
Karakalpak Republic, U. S. S. R.... 768
Karakalpaks (natives): U. S. S. R...775, 780, ill. 766
Karakoram Range, Kashmir....342, 343, 349
Karakul Oasis, U. S. S. R.... 756
Kara Kum (desert), U. S. S. R.....759, 763, 769
Karasu Karaul, Sinkiang, Citroën Trans-Asiatic Expedition at.... 355
Kargiz range, Persia.... 448
Kärnten (province), Austria: Entering the Front Doors of Medieval Towns: The Adventures of an American Woman and Her Daughter in a Folding Boat on Eight Rivers of Germany and Austria. By Cornelia Stratton Parker. 23 ills., 1 two-thirds-page map, Mar....365-394
Kasbas (citadels): Morocco....275, 284, 299, 302, 306, 318, ill. 268, 269, 272, 296, 298, 299, 303, 304, 316
Kashan, Persia....448, 475, ill. 474
Kashgar Range, Asia.... 361
Kashgar, Sinkiang....321, 322, 323, 337, 348, 349, 360, 361, 363, ill. 361, 362
Kashmir: First Over the Roof of the World by Motor: The Trans-Asiatic Expedition Sets New Records for Wheeled Transport in Scaling Passes of the Himalayas. By Maynard Owen Williams, Special Staff Representative of the National Geographic Society. 45 ills., 2 half-page maps, Mar....321-363
Kashmiri coolies: Citroën Trans-Asiatic Expedition....330, 332, 355, 363
Kattagar Canal, U. S. S. R.... 775
Katta-Kurgan grapes.... 756
Kattegat (strait): Baltic and North Seas....217, 231
Kazu-nomiya, Princess, Japanese girls honor..... 156
Kazvín, Persia, Caravan road to.... 472
Kazvin Gate: Tehran, Persia.... 465
Kearny, Dennis: California labor agitator....403, 432
Kecskemet, Hungary.... 720
Kegs, brandy, Tyrolese girls with, color plate VI, page 376
Keiki, Japanese shogun.... 156
Keio University: Tokyo....ill. 161
Kelleys Island, O., Inscription Rock at.....ill. 533
Kemal Pasha, Mustafa, Statue of: Ankara, Turkey 500
Kenmore tract, Fredericksburg, Va.... 56
Kennywood Park, Pa....11, 23
Kent Cavern: Torquay, England....text, plate II, page 184
Kenya Colony, Africa, Flight to.... 492

Page

Kenya, Mount: Kenya, Africa.... 492
Kerandou, Morocco.... 289
Kerr, John: Founder, Columbus, O..... 525
Keszthely, Hungary.... 705
Kettleman Hills, Calif., Oil field at..... 419
Kettles, Brass and copper: China..... 521
Keys Ferry of colonial days..... 42
Keysers Ridge, Md.—Pa....11, 41
Khazar Asp, U. S. S. R.... 766
Khenifra, Morocco, Castle at....271, 318, ill. 268, 269
Khingan Range, Manchuria....105, 129
Khiva, U. S. S. R.....769-770, 772, ill. 769, 774
Khodzheili, U. S. S. R....771, 772, 774
Khoresm: Surveying Through Khoresm: A Journey into Parts of Asiatic Russia Which Have Been Closed to Western Travelers Since the World War. By Lyman D. Wilbur. 31 ills., 1 two-thirds-page map, June....753-780
  Canals ....766, ill. 761, 762
  Costumes ....ill. 755
  Food, Native....768-769, 770, 779
  Houses ....ill. 767
Khoresm Irrigation Survey Party
  Boat used by.....754, 757, 759, 760, 766, 768, 770, 771, 772, 775, ill. 756
  Personnel.....753, 754, 759, ill. 771, 772, 780
  Purpose of.... 764
  Route 754
  Supplies 753
Khosbel, India....349, ill. 346, 347, 352
Kiangsu Province, China 524
Kiashuta (Indian chief).... 48, 51
Kibitki (reed and felt tents): Central Asia..775, 777
Kibo (peak): Tanganyika, East Africa...493, 494, 495, 496, 497, ill. 479, 480
Kidd, Captain, Hanging of....192, 193
Kiel Canal.... 222
Kilik Pass, India....345, 347, 349, ill. 350
Kilimanjaro Mountain group, Tanganyika Territory ....492, 493, 494, ill. 479, 480
Killam's, Joseph, George Washington goes to.... 41
King's College (Columbia University)..... 51
Kipchak, U. S. S. R....771, 772
Kirghiz tribe
  First Over the Roof of the World by Motor: The Trans-Asiatic Expedition Sets New Records for Wheeled Transport in Scaling Passes of the Himalayas. By Maynard Owen Williams, Special Staff Representative of the National Geographic Society. 45 ills., 2 half-page maps, Mar....321-363
  Tents of the.... 775
Kirin Province, Manchuria.....101, 115, 116, ill. 122
Kirtland, O., Mormon associations at..... 562
Kishanganga River, Kashmir..... 330
Kittery, Me. 1, 62
Kitty Hawk, N. C., World's first flights made at.. 588
Kizil Kum (desert), U. S. S. R.... 759
Knife legend: Poland.... 436
Knill, John, Memorial ceremony for: St. Ives, England....text, plate III, page 185
Kobe, Japan, Location of....133, 152
Kocs, Hungary....text, plate XIII, page 725
Kolding, Denmark, Fish hatcheries near....text, plate III, page 225
"Kolt Bord": Denmark ....ill. 241
Komárom, Hungary.... 708
Konow Glacier, Spitsbergen....ill. 467
Konya, Turkey.... 500
Koran quotations, Carvings of....ill. 263
Körmend, Hungary.... 707
Kosciuszko .....435, color plate I, page 437
Kossuth: Hero of Hungary.....710, ill. 737
Kottbus, Germany, Clarence Chamberlin lands at 661
Koutoubia Minaret: Marrakech, Morocco.....ill. 282
Kowloon Airport, Hong Kong, China.....ill. 685
Kraków, Poland
  In the Land of the White Eagle. 12 ills. in color from natural-color photographs by Hans Hildenbrand. Apr....436-445
  Poland, Land of the White Eagle. By Melville Bell Grosvenor. 12 ills. in color, Apr.....435-445
  Cloth Hall.... 436
  Florian (city gate).... 435
  Planty (park).... 436
  Rondel (fort).... 435
  Rynek (market place).... 436
  St. Mary's Church.... 436
  University 436
  Wawel (castle-cathedral).....435; text, plate VI, page 442; color plate I, page 437
Kraków University, Poland.... 436
Krapf: Missionary to Africa.... 493
Kreider, Herman H.: Looking in on the Everyday Life of New Turkey. 7 ills. in color from natural-color photographs by Herman H. Kreider. Apr. 300-309

Page

Kronborg Castle: Helsingör, Denmark....217, 241, ill. 246, color plate VIII, page 230
Ksar Es Souk, Ziz River, Morocco.....290, ill. 295
Kungur (peak): Sinkiang..... 361
Kunlun Range, Tibet..... 743
Kunya Urgench, U. S. S. R.....772, 773-774
Künzle, Pilot: African flight.....492, 494, 495, 496
Kuragbal, Kashmir..... 327
Kurds: Turkey..... 500
Kuskuskies (Indians)..... 14
Kwansai (western country): Japan..... 133
Kwanto (eastern plains): Japan..... 133
Kwantung (Japanese Leased Territory)..... 123
Kyoto, Japan, Encircling pine-clad hills of..... 152

L

Laces
  Denmark 241
  Nicaragua .....ill. 605
Lahn River, Germany, Faltboating on the....368, 370, 383, 386, 388, 389, 391, 393, ill. 369
Lake Co., O., Flower nurseries at.....562, color plate IV, page 566
La Libertad, Nicaragua, Babilonia mine at..... 612
Lama monastery, Basketball game at.....ill. 115
Lamb, Charles, Birthplace of..... 172
Lancaster, O. 547
Lancaster, Pa. 63
Lanchow, China.....743, 744, 745, 747, ill. 752
Land Gate: Rye, England.....color plate IV, page 186
Land of William the Conqueror (Normandy): Where Northmen Came to Build Castles and Cathedrals. By Inez Buffington Ryan. 13 ills. in color, Jan.....89-99
Landscape gardening: Japan.....ill. 145
Längenfeld, Austria.....color plate I, page 371
Lanternfish: Bermuda vicinity....79, 83, 85, color plate III, page 73
Lantern parade: Tokyo.....ill. 140
Laplanche: Member, Citroën Trans-Asiatic Expedition 323, 330
La Pommeraye, Castle of: Fécamp vicinity, France color plate II, page 92
Las Lajas, River, Nicaragua..... 594
Lattimore, Owen: Byroads and Backwoods of Manchuria: Where Violent Contrasts of Modernism and Unaltered Ancient Tradition Clash. By Owen Lattimore. 27 ills., 1 three-quarters-page map, Jan. 101-130
  Son of.....101, ill. 128
Laurel Hill, Pa.....11, 18, 19, 25, 41, 59
Laurenburg, Germany..... 393
Lauterbrunnen, Switzerland, Jungfrau approached from 462
League of Nations, Geneva headquarters of..... 457
League of the Swiss Confederates.....459, 464
Lear, Tobias..... 61
  Birthplace of.....ill. 60
Leather work, Moroccan.....267, color plate III, page 309
Lebanon, O.....529, 532
Le Bourget, France, Airport at.....657-658
Lee Highway.....31, 32, 36
Leesburg, Va..... 54
Le Fèvre, G.: Member, Citroën Trans-Asiatic Expedition 323, 335, 349, 355, 360
  323, 335, 349, 355, 360
Legionville flag station, Pa.....11, 12, 15
Léman, Lake: Switzerland.....ill. 457
León, Nicaragua.....599, 600, 615, 616, ill. 618
Leopard frog....654, ill. 644, color plate I, page 635
Leopards: Serengeti Plain, Tanganyika Territory 492
Lepeshka (native bread): Khiva..... 770
Lepsény, Hungary..... 696
Leroux: Member, Citroën Trans-Asiatic Expedition 323
Les Andelys—Rouen road, France, Dairy on..color plate III, page 93
Le Vey, France.....color plates I, page 91; VII, page 97
Lewis, Betty Washington..... 56
Lewis, Warner..... 26
Liaoyang region, China, Lattimores travel in..... 123
Lick Memorial: San Francisco.....ill. 415
Licorice root, Khoresm exports..... 757
Lienz, Austria, Cornelia Parker at..... 379
Lighthouses
  Alcatraz Island, Calif.....ill. 430
  South Bass Island, Lake Erie.....578, ill. 556
Limburg, Germany.....370, 393
Limestone: Ohio..... 529
Lincoln Highway..... 63
Lindbergh, (Col.) Charles A.
  Flying over Brussels.....ill. 658
  Tokyo .....ill. 142
Lindbergh, (Mrs.) Charles A.....ill. 142
Lingeh, Persia..... 665

Page

Lingfield, England, Crowhurst Place near....text, plate I, page 183
Linnets, or House Finches.....ill. 202
Lion of Lucerne, Thorvaldsen sculptor of..... 250
Lions: Serengeti Plain, Tanganyika.....485, 492
Lisieux, France, Farmers at....color plate I, page 91
Little Beaver Creek, Pa..... 12
Little Cacapon River, W. Va., Friend Cox's on.. 40
Little Crossing, Site of: Grantsville, Md.....ill. 22
Little Falls, Potomac River..... 59
Little Guhjal, India..... 342
Little Kanawha, W. Va..... 58
Little Meadows, Md.—Pa..... 54
"Little Mermaid" (bronze figure): Copenhagen, Denmark.....233, ill. 247
Little Miami River, O.....532, 589, 590
Little Turtle: Indian chief.....547, 579
Lobster, Spiny, Leaf larva of a.....ill. 88
Lock, Faltboat going through.....ill. 394
Locomotive, Wood-burning: First transcontinental line .....ill. 402
Loess plain region, Hwang Ho runs through....743-744
Logan Elm: Logan Elm State Park, Circleville vicinity, O. .....ill. 542
Loginja, Lake: Kenya Colony..... 494
Logstown, Pa.....11, 12, 13, 16, 18, 44, 48
London: Some Forgotten Corners of London: Many Places of Beauty and Historic Interest Repay the Search of the Inquiring Visitor. By Harold Donaldson Eberlein. Feb. 163-198
  Aldgate 191
  Bartholomew Close..... 177
  Battersea Park..... 198
  Bethnal Green Road.....171, 191
  Borough High Street..... 196
  Bridges.....171, 177, 178, 196, ill. 180, 198
  Cathedral, chapel and churches....163, 168, 169, 173, 174, 175, 177, 178, 195, 196, ill. 164, 166, 170, 172, 174
  Charing Cross.....ill. 164
  Charles I statue.....ill. 164
  Charterhouse Street.....172, 175
  Cheapside 177
  Chelsea 197-198
  Customhouse 178
  Drury Lane..... 167
  East End.....169, 182, 191
  East Smithfield..... 192
  Ely Place.....172-173, 175, ill. 174, 177
  Embankment 198
  Execution Dock.....192, 193, ill. 192
  Fenchurch Street..... 191
  Fish Street Hill..... 178
  Fleet Street.....170, 172, 196, 197, ill. 165, 167
  Great Fire.....170, 173
  Guildhall 169
  Hatton Garden..... 173
  Holborn 172, 198
  Hospitals .....175, 177, 182, 198, ill. 179, color plate V, page 187
  Inns and restaurants.....173, 175, 195, 196-197, ill. 194, 197
  King Henry's Stairs..... 195
  King William Street..... 177
  Leadenhall 191
  Long Acre..... 167
  Lower Thames Street.....177, 178
  Markets.....164, 167-169, 175, 178, 191, 192, 198, ill. 166, 168-171, 175
  Middlesex Street ("Petticoat Lane")..182, 191, ill. 176
  Mile End Road.....182, 191
  Newgate Street..... 177
  Nightingale Lane..... 192
  Pelican Stairs..... 195
  "Petticoat Lane" (Middlesex Street)..182, 191, ill. 176
  Poultry, The..... 177
  Prospect of Whitby.....192, 195
  Pudding Lane..... 178
  Roman Bath.....163-164, ill. 166
  Royal visit to The City.....167, ill. 165
  St. Martin's Lane..... 167
  Sclater Street.....191, 192, ill. 175
  Southwark .....196, ill. 194, 197
  Stepney 198
  Strand .....166, 167, 169, 170, 172, ill. 167
  Strand Lane..... 163
  Temple 170, 172
  Temple Bar Griffin.....169-170, 173, ill. 167
  Tower of London.....178, 182, 192, ill. 180, 193
  Trinity House..... 182
  Wapping 193, 195
  Wapping Old Stairs.....192, 193, 195, ill. 181, 192
  Wapping Wall.....192, 195, ill. 181, 192
  Wentworth Street..... 191
  Westminster 165, 170

Page

Whitehall 164
Whitechapel 182
London Bridge: London.....171, 177, 178, 196
London, Jack: *Argonaut* contributor..... 426
Longido (peak): Tanganyika Territory..... 494
Longworth, Nicholas, Catawba grapes developed by 577
Looking in on the Everyday Life of New Turkey. With 12 ills. in color from natural-color photographs by Herman H. Kreider, Maynard Owen Williams and Gervais Courtellemont. Apr...499-500
Looms, Silk: China.....513, 518
Lorain, O. 573
Los Angeles, Calif.....689, ill. 689
Louisiana, Frog industry in.....647, ill. 646
Lourdeau II (stallion): Wayne County Fair, Wooster, O.....ill. 551
Loustal, (Gen.) M. E. J. de: Morocco.....ill. 270
Lowenskjold Plateau, Spitsbergen.....ill. 467
Lübeck, Germany, Station venders at..... 217
Lublin, Poland.....text, plate II, page 438
Lucerne, Lion of, Thorvaldsen sculptor of..... 250
Lucerne, Switzerland, Rigi climbed by visitors to.. 451
Luckett, (Capt.) David..... 54
Lunenburg, Va.....33, 35
Luther, Martin, Marburg, (Germany) associated with 386
Lyautey, Marshal, Moroccan residence of.....265, 302

M

McCook Field, Dayton, O. .....589, ill. 583
McGuffey Readers, Oxford, O., educator compiled 552, 555
Machuca Rapids, San Juan River, Nicaragua.... 617
McKeesport, Pa.....11, 25, ill. 24
McKees Rocks, Pa..... 11
McKinley, William, Tomb of: Canton, O.....ill. 586
McLaren, John: Superintendent, Golden Gate Park, San Francisco.....428, 430
Floral portrait of.....ill. 419
McLaughlin, Alexander: Founder, Columbus, O... 525
Macomber, Kingsley: American financier and sportsman 497
Madison Courthouse, Va..... 59
Madison, James.....33, 61
Madrasseh Bou Mania (college-mosque): Fès, Morocco .....ill. 263, 265
Madrasseh Madamin Khan (college-mosque): Khiva, U. S. S. R.....ill. 774
Magadi Salt Lake, Kenya Colony, Soda works on 494
Maggotty Gap, Va. Highway through..... 36
Magyars: Hungary.....695, 707, 716, 720, 732; text, plate II, page 698; XVI, page 728
Maho, Masako: Japanese track star.....ill. 159
Mahoning Valley, O., Iron and steel industry in.. 548
Main River, Germany, Faltboating on the....368, 370, 383, 388
Majorelle, Jacques: French painter..... 306
Malakal, Anglo-Egyptian Sudan..... 492
Malherbe, François de (poet): Native of Normandy 89
Malmö, Sweden, Ferry to..... 231
Managua, Lake: Nicaragua....593, 612, 616, 622, ill. 603, 615
Managua, Nicaragua....599, 600, 601, 622, 625, ill. 603, 618
Manchester Bridge, Allegheny River..... 11
Manchu language, Owen Lattimore studies....115, 116, 118-119, 122
Manchu-Mongols: Manchuria.....113, ill. 119
Manchuria
Byroads and Backwoods of Manchuria: Where Violent Contrasts of Modernism and Unaltered Ancient Tradition Clash. By Owen Lattimore. 27 ills., 1 three-quarters-page map, Jan.....101-130
Area 104, 106
Bandits 111, 112, 113, 120, 130
Coal mines.....ill. 100
Colonization in.....111, 113
Commerce 104
Hospitals .....111-112, ill. 105
Manchus.....107, 127, 128, 129, 130
Migration to.....101, 104, ill. 103
Mongols .....105-107, 111, 112, 113, 114-115, 129, 130, ill. 119
Railways .....101, 104, 105, 106, 115, 123, 124, 129, ill. 102, 104
Military outbreak in.....278, 681, 685
Manchus: Manchuria.....107, 127, 128, 129, 130
Manganese: Turkey..... 499
Mann, (Dr.) William M., National Geographic Society receives cooperation of..... 631
Mansour, El, Yakoûb.....282, 303
Maps
Africa 466
Amu Darya Valley, U. S. S. R..... 754
Arctic Regions..... 466

Page

Asia 324, 656
Austria 368
Bermuda, showing location of Beebe's deep-sea explorations 66
Europe 466, 656
Forts, Location of Washington's chain of..... 40
Germany 368
Hungary 707
Kenya Colony, Africa..... 466
Khoresm, U. S. S. R..... 754
Manchuria 106
Morocco 266
Nicaragua 594
Nonsuch Island, Bermuda..... 66
Ohio 529
Rivers paddled by Cornelia Stratton Parker..... 368
Route of Citroën Trans-Asiatic Expedition from Beyrouth to Peiping..... 324
Route of Citroën Trans-Asiatic Expedition from Srinagar to Kashgar..... 323
Route of Days' flight across Europe and Asia.. 656
Route of proposed Nicaraguan canal..... 594
Switzerland 466
Tanganyika Territory, Africa..... 466
Territory covered in flights of Walter Mittelholzer 466
Travels of George Washington (Special supplement in colors, Jan.).....10, 12, 36, 40
Marabout (religious shrine): Beni Abbes Oasis, Algeria .....ill. 486
Marajó Island, Brazil, Toad of.....ill. 648
Marazion, England.....text, plate VI, page 188
Marble Church: Copenhagen, Denmark....221, ill. 237
Marblehead Peninsula, O.....574, 578
Marburg, Germany.....370, 383, 386
Mare Island Navy Yard, Calif..... 397
Maria Auxiliadora, Church of: Granada, Nicaragua .....620, ill. 605
Marietta, O.....48, 538, 547, 560, ill. 46, 577
Marin Co., Calif., Hills of..... 427
Marine biology
Depths of the Sea: Strange Life Forms a Mile Below the Surface. By William Beebe. 14 ills. in black and white, 8 ills. in color, 1 half-page map, Jan.....65-88
Fantastic Sea Life From Abyssal Depths. 8 ills. in color from paintings by E. Bostelmann. Jan. 70-79
Marine toad.....650-651, color plate II, page 636
Marion, O., Harding Memorial at..color plate IV, page 566
Maritime Canal Company: Nicaragua..... 609
Markets and market places
Denmark.....243, 245, 247, ill. 221, 233, 240, color plate V, page 227
Granada, Nicaragua.....ill. 595
Jerusalem .....ill. 670
Kano, British Nigeria.....ill. 490, 491
Kashgar, Sinkiang..... 363
Khiva, U. S. S. R..... 770
Kraków, Poland..... 436
Lanchow, China.....ill. 752
London.....164, 167-169, 175, 178, 191, 192, 198, ill. 166, 168-171, 175
Marko, Hungary, Natives of..color plate V, page 701
Marlborough, Duchess of, Former home of: Surrey, England.....text, plate I, page 183
Marmara, Sea of: Turkey.....500, 662
Marrakech, Morocco..261, 283, 286, 301, 304, 305, 306, 315
Bahia Palace.....color plate VI, page 312
Djemaa El Fna Square.....ill. 282
Market place.....ill. 280
Mittelholzer flies from..... 498
Pasha of.....300, ill. 300
Story teller.....ill. 285
Walls of.....ill. 284
Marriage customs: Nicaragua..... 625
Marriott, *News Letter* founded by..... 426
Marsupials, Opossums America's only.....211, 214-215
Martinsburg, W. Va., George Washington passes through..... 54
Martins Ferry, O.....ill. 544
Martinsville, Va., Road from present-day..... 35
Marunouchi Building: Tokyo.....ill. 134, 136
Maryland: Travels of George Washington: Dramatic Episodes in His Career as the First Geographer of the United States. By William Joseph Showalter. 50 ills., 5 maps (1 special supplement in colors), Jan.....1-63
Marzipan (confection), Venders of: Lübeck, Germany..... 217
Masaya, Nicaragua.....590, 600, 608, 621
Masks, Japanese school girls wearing influenza..ill. 188
Massillon, O., Ohio and Erie Canal near..... 588
Matagalpa, Nicaragua.....600, 608
Matilda: Wife of William the Conqueror.....90, 99

Page

Mátra Mountains, Hungary....712, ill. 716, 718
Matterhorn (peak), Alps....446, ill. 450
Maumee River, O....547, 578
Maupassant, Guy de: Native of Normandy.... 89
Mauretanian Plains, North Africa.... 315
Mawenzi (peak): Tanganyika, East Africa..493, 496, ill. 479
Mayflower (boat): Ohio River.... 538
Maynard, (Judge) Satus.... 8
Mayo River, Va....33, 34
Meadville, Pa.... 74
Meal, Moroccan....315
Medicine, Elk horns used as.... 129
Medicine men, Fishskin Tatar...129, 130, ill. 109, 116
Meerschaum: Turkey.... 499
Meija Jinja games: Tokyo....ill. 144
Meiji Museum: Tokyo.... 156
Meiji Shrine compound, Tokyo, Lindberghs at...ill. 142
Meknès, Morocco..270, ill. 267, color plate II, page 308
Melanchthon, Marburg (Germany) associated with 386
Melan Khodja Minaret: Khiva, U. S. S. R.....ill. 769
Mentor, O., Field of peonies at..color plate IV, page 566
Merinid Sultan's tombs: Fès vicinity, Morocco color plate VI, page 312
Meski, Fort of: Morocco.... 290
Metal worker: Damascus, Syria....ill. 668
Methodist Episcopal Church, Temple of the: San Francisco....ill. 414
Meyer, Hans, Mount Kibo ascended by.... 493
Mezökövesd, Hungary....712, 717, ill. 708
Natives of..ill. 708, color plates I, page 697; VI, page 702
Miami and Erie Canal.... 589
Miami Canal.... 562
Miami River, O.... 587
Miami University, Oxford, O....ill. 552
Miamisburg, O....529, 532
Mickiewicz, Adam: Polish poet-patriot..435, color plate VI, page 442
"Microcosm" (world in miniature).... 27
Middle Bass Island, Lake Erie.... 574
Midwife toad....650, ill. 645, color plate VII, page 641
Milan, O., Edison's birthplace at....ill. 573
Milk, yak, Custom of sprinkling foreheads with... 347
Millboro, Va.... 26
Miller, John Frederick, Virginia House of Burgesses reimbursed.... 34
Millersburg, O., Holmes County Fair at...ill. 537, 549
Millers Run, Pa....54, 56
Millet, Jean François: Native of Normandy..... 89
Mills
River Orne, France.....color plate VII, page 97
Washington's: Perryopolis, Pa.....41, 54, ill. 43
Millstones husking grain: China.....522, ill. 520
Milton, John, London hiding place of.... 177
Milwaukee, U. S. S.... 397
Minarets
Eger, Hungary....719, ill. 713
Khiva, U. S. S. R.....769, 770, ill. 769, 774
Kunya Urgench, U. S. S. R.... 773
Marrakech, Morocco....ill. 282
Mineral springs: Tyrol.....text, plate I, page 371
Mines and deposits
Borax: Turkey.... 499
Chrome ore: Turkey.... 499
Clay: Ohio.... 529
Coal
Manchuria....ill. 100
Ohio 529
Turkey.... 499
Copper
Belgian Congo.... 497
Turkey.... 499
Emery: Turkey.... 499
Gas: Ohio.... 529
Gold
Belgian Congo.... 497
California....395, 403, 406-407, 410
Nicaragua.... 612
Iron: Lake Superior.... 544
Limestone: Ohio.... 529
Manganese: Turkey.... 499
Meerschaum: Turkey.... 499
Oil: Ohio.... 529
Silver
Nevada....410, 411
Turkey.... 499
Zinc: Turkey.... 499
Mingo Town (Mingo Junction), O.... 45
Minmarg, Kashmir.... 331
Misgar, India....336, 342, 349
Miskolcz, Hungary.....text, plate III, page 699
Misskito Indians: Nicaragua.... 608
Mitre Tavern: London....173, 175, ill. 177
Mitsubishi (bank): Tokyo....ill. 143
Mitsui Bank: Tokyo.... 147
Mittagskogel (peak): Austria.... 381

Page

Mittelholzer, Walter: Flights from Arctic to Equator: Conquering the Alps, the Ice Peaks of Spitsbergen, of Persia, and Africa's Mountains of the Moon. By Walter Mittelholzer. 53 ills., 1 three-quarters-page map, Apr....445-498
African flights....465, 466, 470, 474-477, 479, 480, 490, 492-497, ill. 476, 488, 494
Alpine flights....445-447, 466, 490
Arctic adventures....447, 467, 468
Crashes into peak....445-446
Persian flights....448, 466, 473
Mlanje Mountains, Africa.... 465
Mocking bird, Banded....ill. 202
Mohács, Hungary, Natives of..text, plate IX, page 721; color plates X, page 722; XI, page 723
Mohammed Abubakr: Ruler, Songhai Empire, French Sudan.... 491
Mohammed Nazim Khan, Mir of Hunza..342-343, 349, ill. 337
Mohammedans, Shia sect of.... 448
Moha Ou Hammou: Late Zaian chief....270, 318
Mokhazni cavalry (French territorial troopers): Morocco....273, 276, 285, 302, 315, 318
Moldau River, Czechoslovakia.... 379
Mollusks: Bermuda vicinity....69-70, ill. 83
Mombacho (volcano), Nicaragua....620, 623, 627
Momotombito (volcano), Nicaragua....623, ill 615
Momotombo (volcano), Nicaragua...593, ill. 615, 623
Monakatoocha: Shawnee Indian.... 12
Monasteries
Chien Shan Region, Manchuria.....ill. 110, 115
Granada, Nicaragua.....605, 619, ill. 606, 611
Valsainte, Switzerland....ill. 453
Moncada, (Gen.) José M.: President of Nicaragua 609, 617, ill. 611
Mönch (peak), Alps: Switzerland..... ....ill. 462
Mongalla, Anglo-Egyptian Sudan.....492, ill. 476
Mongols: Manchuria.....105-107, 111, 112, 113, 114-115, 129, 130, ill. 119
Monkey, Pet: Nicaragua Canal Survey.....ill. 600
Monocacy River, Md.... 59
Monongahela River, Pa.....1, 11, 18, 27, 54, 58, ill. 21, 44
Monsoon season, India, Fliers arrive in.....668, 678
Monterey Bay, Calif....399, 422
Monterey, Calif....408, 417, 422
Monterey, U. S. S.... 397
Monterey, Va.... 25
Mont St. Michel (Island), Normandy....90; text, plate VI, page 188
Monts, Pierre de Guast, Sieur de (explorer).... 99
Moore, W. Robert: Raft Life on the Hwang Ho. By W. Robert Moore. 14 ills., June.....743-752
Moorefield, W. Va.....5, 25, 26, 59
Moorish architecture.....ill. 263, 265, color plates I, page 307; VI, page 312
Mora, J. J., Cervantes portrait bust by.....ill. 406
Moravian settlements
Schoenbrunn, O....536, 538, 572
Winston-Salem, N. C.... 62
Morgan, (Gen.) Daniel.... 54
Morgan, (Col.) Zachwell.... 59
Morgarten, Switzerland, Swiss battles fought at.. 464
Morho Naba, King of the Mossi: Upper Volta..ill. 496
Morizet: Member, Citroën Trans-Asiatic Expedition.... 323
Mormon Temple: Kirtland, O.... 562
Morocco
Beyond the Grand Atlas: Where the French Tricolor Flies Beside the Flag of the Sultan of Morocco. By V. C. Scott O'Connor. 52 ills. in black and white, 12 ills. in color, 1 two-thirds-page map, Mar.....261-319
Airplanes....ill. 262
Dissident 266-267
Foreign Legion..265, 266, 268, 273, 274, 275, 276, 290, 298, 302, 306, ill. 268, 278
Fortresses...275, 284, 289, 299, 302, 306, 318, ill. 268, 269, 272, 273, 296, 298, 299, 303, 304, 316
Highways....270, 275, 280, 286, 291
History....261, 264, 269
Physical features..261, 266, 275, 280, 289, 290, ill. 286, 294, 295, 304, color plate VII, page 313
Population 300
Resident General and High Commissioner..266, 267, 276, ill. 278; text, plate VI, page 312
Sultan .....ill. 287; text, plate I, page 307
Tribes.....269, 271, 284, 285, 298, 299, 300, 301, 302, 304, 306, 315, 318, ill. 270, 300, 317
Villages 288, 297
Zone of Security....265, 302, 316
In the Land of Cruel Desert and Majestic Mountain. 12 ills. in color from natural-color photographs by Gervais Courtellemont and M. Flandrin. Mar. 306-315
Mosaics: Moroccan court-yard..color plate I, page 307

Page

Moscow—Tashkent Railroad..... 780
Moses: Owen Lattimore's Chinese retainer..101, 116, 119, 120, 121, 129, ill. 120, 127, 128
Mosques
  Fès, Morocco.....ill. 263, 265
  Isfahan, Persia.....ill. 471
  Istanbul.....ill. 660, 665
  Khiva, U. S. S. R.....769, ill. 774
  Tinmal, Morocco.....text, plate IV, page 310
Mosquitoes: Nicaragua.....593, 594, 608
Mossi (tribe): Upper Volta, Africa..ill. 493, 495, 496
Moulay Idriss, Morocco, Zerhoun Hills at..color plate VII, page 313
Moulay Ismail the Bloodthirsty: Sultan of Morocco (1672-1727)...270, 272, 281; text, plate II, page 308
Moulmein, Burma.....679, 683, 685
Moulouya River and Valley, Morocco..270, 275, 279, 280, ill. 278, 319
Mounds and mound builders: Ohio....527, 529, 532, 534, 538, ill. 543
Mount Braddock, Pa.....11, 18, 25
Mount Pleasant, Pa.....11, 25
Mount Vernon, O.....578
Mount Vernon (estate), Va...1, 19, 35, 39, 51, 52, 53, 59, 60, 62, 63
Mountain chicken (frog) ..653, color plate IV, page 638
Mountain polo: Sinkiang.....ill. 351
Moving pictures: Tokyo..... 161
Mtonga tribesmen: Morocco.....284, 306
Mud spring: Gwadar vicinity, Baluchistan.....ill. 676
Mukden, Manchuria.....100, 101, 104, 106, 113, 124, 685, ill. 107
Mukden—Tientsin Railway, Hawking sweets at station of.....ill. 112
Mulberry leaves, Silkworms feed on..509, 511, ill. 510
Muller's clawed frog..649-650, color plate VII, page 641
Münden, Germany, Faltboating from..... 370
Munich, Germany.....367, 370, 385, ill. 364, 366
Mur River, Austria..... 379
Murayama, Hashime: Iridescent Beauty of Frogs and Toads. 14 ills. in color from paintings by Hashime Murayama. May.....634-643
Murtheringtown, Pa.....14, 15
Museum, Open-air: Aarhus, Denmark..color plates II, page 224; VI, page 228
Mushrooms, Cultivation of: Ohio..... 562
Musical instruments: Morocco.....ill. 277, 288
Muskingum River, O.....45, 538, ill. 46
Mutan River, Manchuria..... 127
Muztagh Ata ("Father of Snow Mountains"), Sinkiang 355
Mysian Olympus (mount), Turkey....500, color plate III, page 503
Mzizel, Morocco..... 288

N

Nádasdy, Countess, Roadhouse of: Lepsény, Hungary..... 696
Näfels, Switzerland, Battle near..... 458
Nagar, India.....342, 343
Nagata, Mayor of Tokyo.....ill. 154
Nairobi, Kenya, British East Africa.....492, 496, 497
Nakamura, Captain, Killing of..... 112
Nanga Parbat (peak): Kashmir.....333, 335, 340
Nanking, China.....687, 688
National Elimination Balloon Race, Akron, O., host to.....ill. 541
National Geographic Society
  Citroën-Haardt Trans-Asiatic Expedition: First Over the Roof of the World by Motor: The Trans-Asiatic Expedition Sets New Records for Wheeled Transport in Scaling Passes of the Himalayas. By Maynard Owen Williams, Special Staff Representative of the National Geographic Society. 45 ills., 2 half-page maps, Mar.....321-363
  Mann, (Dr. William M.) coöperates with..... 631
  Researches of the.....12, 36, 40
  Special Map Supplement showing Washington's travels (January)
  Taft's (Chief Justice William Howard) interest in the..... 591
  Tibetan rhododendrons presented to Golden Gate Park by..... 428
  Trustees of the.....403, 591
National Rifle Matches: Camp Perry, O..... 549
National Road (or Pike)..525, 551; text, plate VII, page 569
National Zoölogical Park Washington, D. C., Penguins in..... 260
Native Sons of the Golden West: San Francisco.. 431
Nebulous toad.....651, color plate VI, page 640
Needle-jawed eel: Bermuda vicinity..... 83
Needlewomen, Chinese.....518, ill. 512
Negro Mountain, Md.....11, 41

Page

Negro, Río, Nicaragua, U. S. Army engineer surveying in.....ill. 592
Nelson, (Lord) Horatio, Nicaraguan adventure of 617
Neufchâtel cheese, Normandy's..... 89
Neumann, Pilot, Arctic flight of..... 447
Neville, Edwin L.: Counsellor of American Embassy, Tokyo.....ill. 155
Newark, N. J., Airport at..... 690
Newark, O., Mounds of.....529, 532, 534
Newburgh, N. Y..... 53
Newburyport, Mass..... 61
New Castle, Pa., Kuskuskies lived near..... 14
Newchwang, Manchuria..... 108
Newfoundland, Normans in..... 99
New Haven, Conn..... 61
New Orleans (steamboat)..... 558
New Philadelphia, O..... 572
Newport, R. I..... 62
New Romney, England.....text, plate VIII, page 190
New Urgench, U. S. S. R...768, 769, 770, 772, ill. 778
New Year, Chinese, Celebration of: Manchuria 119, 120
New Year's Day swim, Olympic Club's: San Francisco.....427, ill. 411
New York City
  Fraunce's Tavern.....ill. 52
  George Washington in.....26-27, 61, 62
  Jumel Mansion.....ill. 61
  Subtreasury of the United States.....ill. 55
  Van Cortlandt Mansion.....ill. 53
New York Zoölogical Society, Beebe's researches for the..... 65
Nfis River, Morocco..... 315
Nicaragua: Army Engineer Explores Nicaragua: Mapping a Route for a New Canal Through the Largest of Central American Republics. By Lieut. Col. Dan I. Sultan. 39 ills., 1 two-thirds-page map, May.....593-627
  Archeological remains.....623, 627, ill. 624-626
  Area and population.....599, 601, 608
  Bandits.....610, 611, 612, 617, 619
  Climate.....593, 599, 600
  Coffee crop.....600, 610, 627
  Fauna.....592, 593, 594, 597, 599, 612, 616, ill. 596, 600, 601, 620
  History.....615-617
  Language..... 608
  Lavanderas..... 624
  Manners and customs.....620, 621, 624-626, 627
  Mines..... 612
  "Mosquito Coast"..... 608
  Native food.....597, 626, ill. 595
  Physical features.....599, 601, 612, 627
  Railroads.....609, 612, 613, ill. 614
  Religious festivals.....620, ill. 604, 608
  Roads.....601, 609, 612
  School, Government.....ill. 609
  Superstitions and legends.....625, 627
  Transport, Modes of..609, 610, 612-615, 616, 620, ill. 597, 602, 613, 618, 619
  Volcanoes..593, 598, 612, 613, 614, 620, 623, 627, ill. 602, 615, 623
Nicaragua Canal Survey
  Camps....594, 599, 602, 608, 621, 626, 627, ill. 600
  Engineers at work.....ill. 592, 598, 599, 616, 617
  Fishing.....612, ill. 596
  Health problems.....593, 594, 597
  Housing accommodations..593, 599, 605, 620-621, ill. 595, 606
  Interoceanic canal route.....593, 594, 597, 612, 626
  Pets of.....620-621, ill. 600, 601
  Route and estimated cost of canal.....594, 599
  Transportation of equipment.....ill. 602
Nicaragua, Lake: Nicaragua..594, 598, 599, 600, 608, 612-613, 614, 616, ill. 612, 613, 623
Nicholson, Joseph (interpreter), George Washington hires..... 44
Nicoya, Gulf of, Costa Rica..... 615
Niehaus, Charles, Statue of McKinley by.....586
Niesen (peak), Alps.....ill. 454
Nikko, Japan, Shogun shrines in..... 155
Nile River
  Elephants swimming across.....ill. 483
  Mittelholzer flies along.....465, ill. 476
Ningsia, China..... 744
Nippon Yusen Kaisha (Steamship line), Home office of..... 134
Nobile, (Gen.) Umberto, Polar flights of.....447, 467
Nomal, India..... 341
Nonsuch Island, Bermuda: Depths of the Sea: Strange Life Forms a Mile Below the Surface. By William Beebe. 14 ills. in black and white, 8 ills in color, 1 half-page map, Jan.....65-88
Nooks and Bays of Storied England. 13 ills. in color from natural-color photographs by Clifton Adams and Bernard Wakeman. Feb.....182-191

Page

Normand: Member, Citroën Trans-Asiatic Expedition 323
Normandy
  Charm and Color Distinguish Norman Byways. 13 ills. in color from natural-color photographs by Gervais Courtellemont. Jan. 90-99
  Land of William the Conqueror: Where Northmen Came to Build Castles and Cathedrals. By Inez Buffington Ryan. 13 ills. in color, Jan. 89-99
  Apple orchards 89, 90, 99
  Architecture 89, 90, 99
  Cider ..... 89, 90; text, plate v, page 95
  Commerce 89
  History 89
  Horse breeding 89, 90
  Patois 90
Norris, Frank: *Argonaut* contributor 426
Norris, Kathleen: *Argonaut* contributor 426
North Bend, O., Home of Benjamin Harrison at ill. 560
North East Land, Spitsbergen 447
North Pole, Flights over 447
Nourse, Mary A.: How Half the World Works. By Alice Tisdale Hobart and Mary A. Nourse. 22 ills., Apr. 509-524
Nyasa, Lake: Africa 465, 467
Nyasaland, Africa 465

O

Oak toad ..... ill. 649
Oakland, Calif. ..... 399, 405, 420, 421, 428, 429, ill. 398, 412
Oberlin College Library: Oberlin, O. 562
Obi (Japanese sash) ..... 140, ill. 160
Ocean Sunfish: Bermuda vicinity 85
O'Connor, V. C. Scott: Beyond the Grand Atlas: Where the French Tricolor Flies Beside the Flag of the Sultan of Morocco. By V. C. Scott O'Connor. 52 ills. in black and white, 12 ills. in color, 1 two-thirds-page map, Mar. 261-319
Ocotal, Nicaragua, U. S. Marine headquarters at ill. 610
Oetztal, Austria ..... color plate v, page 375
Ohio
  Ohio, The Gateway State. By Melville Chater. 58 ills. in black and white, 13 ills. in color, 1 three-quarters-page map, May 525-591
  Agriculture .. 526, 549, 578, ill. 537, 577, color plate v, page 567
  Area and population 529
  Buckeye State 538
  Canals ..... 561, 562, ill. 588
  Civil War associations 578
  Eight presidents from 526, 551, 590
  History ... 525, 526, 527, 547-548, 550-551, 554-555
  Industries ..... 526, 527, 548, 550, 573, ill. 532, 544, 552, 572, 577
  Mineral resources ..... 529, 548, ill. 528
  Mounds and mound builders .... 527, 529, 532, 534, 538, ill. 543
  Seal 526
  State capital ..... 526-527, ill. 540
  Universities, colleges and schools ... 525, 549, 552, 555, 558, 562, ill. 582
  Western Reserve 548, 550-551
  Where the Winning of the West Began. 13 ills. in color from natural-color photographs by Jacob Gayer. May 562-571
Ohio and Erie Canal ..... ill. 588
Ohio Company of Associates 538
Ohio Company, Proposed fort site of the 11
Ohio River: Ohio, The Gateway State. By Melville Chater. 58 ills. in black and white, 13 ills. in color, 1 three-quarters-page map, May 525-591
Ohio River Region: Travels of George Washington: Dramatic Episodes in His Career as the First Geographer of the United States. By William Joseph Showalter. 50 ills., 5 maps (1 special supplement in colors), Jan. 1-63
Ohio Society of New York, Cowbell of 587
Ohio State Archæological and Historical Society ... 572
Ohio State Fair Grounds: Columbus, O. 535
Ohio State University: Columbus, O. ... 525, 555, ill. 582
Ohio, U. S. S. 397
Ohio University: Athens, O. 555, 558
Ohiopyle, Pa., Falls of the Youghiogheny at .. 18, ill. 28
Oisy, Pelletier d': French aviator 306
"Old Man of the Mountains" (Shaykh-al-Jabal): Persia 472
Old National Trail (Md.—Pa.), Washington's travels on the ..... 11, 19, 25, ill. 22, 27
Old Orchard Camp, Farmington, Pa., vicinity 27
Oldtown, Md. (Formerly *Cresaps*) ..... 4, 51, ill. 29
Olive garden, Sultan's: Morocco ..... ill. 283
Olmsted, Frederick Law: Landscape architect 418

Page

Olympia (Dewey's flagship at Manila Bay) 397
Olympic Club, New Year's Day swim of: San Francisco ..... 427, ill. 411
Oman, Gulf of: Arabian Sea 665
Ometepe (volcano): Nicaragua .. 613, 614, ill. 602, 623
Opequon Creek, W. Va. 54
Opera, Outdoor
  Cincinnati, O. 590
  Cleveland, O. 530
Opium
  Chinese smoker of 115
  Growers: Solun, Manchuria 112
Opossums, Observing and photographing: California 199, 214-215, ill. 210, 211, 213
Orange-blossom perfume, Taroudant, Morocco famous for 292
Orange Co., Va., Court Order Books of 31
Ordos Desert region: Mongolia ..... 744, ill. 746
Ore freighters: Ohio .... ill. 531, 532, color plate 11, page 564
Oregon red-legged frog .. 653, color plate 111, page 637
Oregon, U. S. S. 397
Oresund (sound): Denmark—Sweden .222, 231, 241, 246
Organ, Pipe: Church of Our Redeemer, Copenhagen, Denmark 243
Orne, River: France ..... color plate VII, page 97
Orochons (tribe): Barga plateau, Manchuria 129
Osaka, Japan, News air service between Tokyo and 161
O'Shaughnessy Dam: Hetch Hetchy Valley, Calif. 434
Ostrich: Serengeti Plain, Tanganyika 485
Ouagadougou, Upper Volta, Africa
  Aerial view ..... ill. 492
  Cloth dyers ..... ill. 493
  King of Mossi ..... ill. 496
  Natives of ..... ill. 493, 494, 496
Ouarzazat, Morocco 302, 306, 316
Oudaiya, Castle of: Rabat, Morocco ..... ill. 303
Ounila, Kasba of: Morocco ..... 306, ill. 299
Ounila River, Morocco 299, 306
Our Friend the Frog. By Doris M. Cochran. 16 ills. in black and white, 14 ills. in color, May .. 629-654
Our Lady, Church of: Copenhagen, Denmark 249
Our Redeemer, Church of: Copenhagen, Denmark 243, ill. 242
Out in San Francisco: Fed on Gold Dust and Fattened by Sea Trade, a Pioneer Village Becomes a Busy World Port. By Frederick Simpich. 38 ills., Apr. 395-434
Oven, Outdoor: Hungary .... color plate XIV, page 726
Ovis poli 342, 343
Owl, Great Horned ..... 213, ill. 203
Oxcarts
  Nicaragua ..... 609, 620, ill. 602, 619
  Wertheim, Germany ..... ill. 388
Oxford, O., Miami University at ..... 555, ill. 552
Oxhide rafts: Hwang Ho, China .... 743, ill. 746, 749
Oxus River: See *Amu Darya*.

P

Pacific Telephone and Telegraph Building: San Francisco ..... ill. 421
Pacific tree-toad ..... 652-653, color plate 111, page 637
Pack rat ..... ill. 206
Painesville, O. 562, 571
Paingu Caves: Moulmein vicinity, Burma .... ill. 679
Paint mills: Cleveland, O. ... color plate 111, page 565
Palaces
  Baltit, India ..... 343, ill. 333, 334, 336
  Budapest, Hungary ..... 691, 729, ill. 736
  Copenhagen, Denmark .. 236, 249, ill. 219-221, 237; color plate VIII, page 230
  Marrakech, Morocco ..... color plate VI, page 312
Palm trees: Morocco ..... 297, ill. 284, 291, 295, 297
Palmer, Morgan, Grave of: Aolimi vicinity, Manchuria 128
Palo Alto, Calif., Stanford University at 434
Pamir region, Asia ..... 352, 353, ill. 342
Panama Canal, Proposed Nicaraguan canal compared with 598, 599, 601
Panama-Pacific Exposition, Taft breaks ground for 418
Paotow, Mongolia 743, 744, 749
Papayas: Nicaragua ..... ill. 595
Paprika venders: Hungary .... color plate X, page 722
Parachute jumps: McCook Field, Dayton, O. .. 586, ill 583
Parades: Tokyo ..... ill. 139, 140
Paris, Days fly to 657-658
Parker, Cornelia Stratton: Entering the Front Doors of Medieval Towns: The Adventures of an American Woman and Her Daughter in a Folding Boat on Eight Rivers of Germany and Austria. By Cornelia Stratton Parker. 23 ills., 1 two-thirds-page map, Mar. 365-394
Parkman, Francis: Quoted 11
Párta (headdress), Hungarian girls wear .... 712, ill. 706, 715

Page

Partisan horsemen: Morocco....290, ill. 292
Pasadena, Calif., Atkinson home near..199, ill. 200, 201
Passau, Germany.... 383
Patent medicine advertisement: Tokyo....ill. 151
Patrick Co., Va.... 33
Patterson Creek, W. Va....4, 40, 59
Pea-shellers: London....ill. 166
Pearl Harbor, Hawaii, U. S. coaling station at... 414
Peary, (Adm.) Robert E.: Member of Nicaragua canal survey expedition.... 617
Peat used for fuel: Poland.... 436
Pechihli (Pohai), Gulf of, China, Voyage across the 124
Pecqueur: Member, Citroën Trans-Asiatic Expedition....323, 340
Pécs, Hungary....720; text, plate IX, page 721
Peiping, China....101, 104, 130, 151, 321
Pelton, Lester Allen, Wheel invented by.... 431
Penck glacier: Tanganyika Territory.... 496
Pendergrasses: Estate of Augustine Washington.. 41
Pendleton, Edmund.... 51
Penfold, (Mrs.) Norman: Jask, Persia....ill. 675
Penguins: Antarctica's Most Interesting Citizen: The Comical Penguin Is Both Romantic and Bellicose. By Worth E. Shoults. 8 ills., Feb...251-260
Captives.... 260
Chicks....253, 260, ill. 259
Courtship.... 251
Domestic relations....ill. 256
Eggs....258, 260, ill. 253
Enemies of....254, 260
Food....254, 259, 260
Habitat.... 251
Incubation process....258, 260, ill. 253
Nests and nest-building....251, 258, 260, ill. 255-257 259
Rookeries....251, ill. 255, 256
Penitentiary, "Ring-Ring": Denmark....ill. 246
Pennsylvania: Travels of George Washington: Dramatic Episodes in His Career as the First Geographer of the United States. By William Joseph Showalter. 50 ills., 5 maps (1 special supplement in colors), Jan....1-63
Penzance, England....text, plate VI, page 188
Peonies, Field of: Mentor, O...color plate IV, page 566
Percheron horses: Normandy.... 89, 90
Perry, (Com.) Matthew Galbraith, Tokyo visited by....133, 142
Perry, (Com.) Oliver Hazard, Lake Erie victory of....556, 578
Perry Victory Memorial: Put in Bay, South Bass Island, Lake Erie....578, ill. 556
Perryopolis, Pa....41, 43, 54
Persia: Flights from Arctic to Equator: Conquering the Alps, the Ice Peaks of Spitsbergen, of Persia, and Africa's Mountains of the Moon. By Walter Mittelholzer. 53 ills., 1 three-quarters-page map, Apr....445-498
Persian Gulf....448, 475, 665, 690
Peshwari, Kashmir....330, 331
Petersburg, Va....35, 62
Petersburg, W. Va.... 25
Petroglyphs: Inscription Rock, Kelley's Island, O. ill. 533
"Petticoat Lane" (Middlesex Street): London 182, 191, ill. 176
Petticoats, Hungarian women wear numerous..712, 717, ill, 717, 718
Pheasants: Manchuria....114, 120-121
Philadelphia, Pa., George Washington visits..26, 51, 53, 59, 63
Philips, (Col.) Theophilus.... 59
Phonographs: Central Asia....354, 355
Piaski, Poland....text, plate II, page 438
Picapica (plant pest): Nicaragua.... 597
Pickerel frog....654, color plate III, page 637
Pickles, Vats of: Cleveland, O....ill. 534
Pickwick Papers, White Hart Inn figures in..194, 197
Pierponts (Easton, W. Va.).... 59
Pig going to market: León, Nicaragua....ill. 618
Pigeons
Asakusa Park, Tokyo....ill. 148
Fès, Morocco....ill. 264
Pigfrog, or southern bullfrog..654, color plate IV, page 638
Pine Creek, Pa....15
Pipe, Tyrolese with....color plate IV, page 374
Pirates: Mosquito Coast, Nicaragua.... 608
Pistol practice: Camp Perry, O....ill. 549
Pitnyak, U. S. S. R.... 765
Pittsburgh, Pa...7, 9, 11, 18, 22, 25, 27, 39, 40, 41, 45, 51, ill. 13, 17, 20, 21, 29
Pittsburgh, University of....ill. 14
Plant pest (picapica): Nicaragua.... 597
Plantains: Nicaragua.... 626

Page

Plows
Flint-tipped wooden: Turkey.... 499
Ohio....color plate V, page 567
Ox-: China....ill. 517
Pohai (Pechihli), Gulf of, China, Voyage across the 124
Point: Member, Citroën Trans-Asiatic Expedition 330
Point Marion, Pa....58, ill. 44
Point of Rocks, Md., George Washington passes.. 59
Point Pleasant, O., Birthplace of Grant at....ill. 535
Point Pleasant, W. Va.... 1
Poland
In the Land of the White Eagle. 12 ills, in color from natural-color photographs by Hans Hildenbrand. Apr....436-445
Poland, Land of the White Eagle. By Melville Bell Grosvenor. 12 ills. in color, Apr.....435-445
Native vehicles.... 436
Roads.... 436
Villages....436, color plate II, page 438
Wedding celebrations.... 436
Poliakoff: Russian engineer....759, 769
Policemen
Hungarian....ill. 736
Pistol practice for: Camp Perry, O.....ill. 549
Polo, Mountain: Sinkiang....ill. 351
Ponting, Herbert G., Penguin rookery visited by ill. 255
Pont l'Evêque cheese, Normandy's.... 89
Pony Express: U. S. West....404, 410
Poodle Dog (café): San Francisco.... 430
Poppies: England.....color plate VIII, page 190
Porcelain
Denmark....241, ill. 248
Houlgate, France.....color plate VIII, page 98
Poronin, Poland.....color plates IV, page 440; VII, page 443
Port Columbus airport: Columbus, O.....ill. 548
Portage Trail: Ohio.... 561
Porter, Albert J.: Quoted....416-417
Portolá, Gaspar de, San Francisco Bay named by 399
Portsmouth, N. H....61, ill. 60
Portsmouth, O....529, 543, 547
Port Tobacco, Md....51, ill. 34
Potomac Navigation Company....43, 59
Potomac River, George Washington's travels on the..1, 3, 4, 5, 25, 26, 34, 41, 51, 58, 59, 63, ill. 4, 6, 42
Pottery: Houlgate, France....color plate VIII, page 98
Poussin, Nicolas: Native of Normandy..... 89
Prague, Czechoslovakia....379, 662
Prague, University of: Czechoslovakia..... 436
Prawns, Scarlet: Bermuda vicinity..color plate VII, page 77
Prayer Book Cross: Golden Gate Park, San Francisco ....429, ill. 409
Presidio: San Francisco.....402, 408, ill. 417, 423
Preston, (Capt.) William.... 32
Prison Island, Military (Alcatraz): Golden Gate, Calif. ....ill. 430
Promontory Point, Utah, Driving of Golden Spike at. 410
Providence, R. I.... 62
Pump, native, Irrigation by means of: U. S. S. R. 766, ill. 759
Pumpkins, Child on mound of: Hungary.....ill. 709
Pungwe River, East Africa....470, 475, 490
Put in Bay, O....574, ill. 552, 556
Putnam, (Gen.) Rufus....46, 538, ill. 577

Q

Quail, California Valley....ill. 214
Quarries
Granite: Japan.... 141
Sandstone: Marietta vicinity, O.....ill. 560
Qum, Persia.... 448

R

Rabat, Morocco....284, ill. 287, 303; text, plates II, page 308; III, page 309, color plate I, page 307
Raccoons, Observing and photographing: California 199, 213, ill. 207
Race, Steamboat: Ohio River....ill. 585
Raft Life on the Hwang Ho. By W. Robert Moore. 14 ills., June....743-752
Ragtown, Cincinnati known as.... 559
Rahere: Minstrel at the court of William Rufus 177, 179
Tomb of....ill. 174
Railways
Cable ....421, ill. 410, 454, 576; text, plate VI, page 376
First trans-continental....410, ill. 402
Rainbow Hues from Hungary. 27 ills, in color from natural color photographs by Hans Hildenbrand. June 696-729

Page

Rain-toad, or common tree-toad.....651-652, ill. 632, color plate II, page 636
Rakaposhi (peak): India.....340, 342
Rama, Nicaragua..... 601
Ramadan, Period of: Morocco..... 301
Ramah, Kashmir..... 335
Ramana: Coolie, Citroën Trans-Asiatic Exposition 327, 341
Ramghat, Kashmir..... 340
Rangoon, Burma.....673, 680, 685
Rappahannock River, Va.....ill. 9
Rat, Pack.....ill. 206
Reading, Pa..... 63
Rebmann: Missionary to Africa..... 493
Red Beards (*Hung-hu-tzu*): Chinese name for bandits 130
Red City, Marrakech, Morroco called the..... 284
Redwood Grove, San Mateo Co., Calif..... 426
Reed, David..... 54
Reifsnider (Bishop), Charles S.: St. Paul's University, Tokyo..... 153
Reinhardt, Max, Theatrical spectacles of: Berlin, Germany 240
Religious ceremony of blessing wheat crop: Hungary ill. 710
Religious fanatics: Morocco.....ill. 288
Religious festivals and processions
Budaörs, Hungary.....ill. 695
Budapest .....ill. 731
Nicaragua .....620, ill. 604, 608
Religious pilgrim, Japanese.....ill. 147
Remington, Va..... 59
Reza pahlevi (Persian ruler), Air traffic promoted by 448, 473
Rheinau, Switzerland.....ill. 455
Rhine River.....394, 659, ill. 455, 659
Rhinoceroses: Serengeti Plain, Tanganyika Territory 492
Rhododendrons, National Geographic Society presents Golden Gate Park with..... 428
Rhône Glacier, Switzerland.....ill. 449
Rhone River, Europe.....ill. 449, 457
Ribault, Jean (French navigator), Florida visited by 99
Ribe, Denmark, Cathedral at....color plate VI; page 228
Rice cultivation: China.....520, 521-522, 524, ill. 517, 520, 521, 523
Richmond, Calif..... 429
Richmond, Va.....34, 52, 59, 62
Rich Patch Mountain, Va..... 37
Rif Mountains, North West Africa..... 498
Rigi (peak): Switzerland.....ill. 451
Rincon Point, San Francisco..... 398
"Ring-Ring" Penitentiary: Denmark.....ill. 246
Ring-tailed cats, Observing and photographing: California .....213-214, ill. 204, 206
Ringworm, Nicaragua Canal Survey party menaced by 597
Rio de Oro, Spanish West Africa.....488, 498, ill. 487
Ripley, O., "Underground railway" phrase originated at..... 578
Rivas, Nicaragua..... 613
Rivera, Diego, Murals of: Stock Exchange Club, San Francisco.....ill. 407
Roanoke River, Va.....35, 37
Roanoke, Va., Forts located near.....32, 37
Roanoke—Winston-Salem Highway.....35, 36
Robinson, Beverley..... 27
Rochester, O.....14, 15
Rock cones of Cappadocia, Turkey....color plate IV, page 504
Rockefeller Institute, Bermuda station of the..... 87
Rockefeller, John D., Jr., Restoration of Williamsburg by..... 48
Rocky Mount, Va..... 36
Rodin, Statues by: Golden Gate Park, San Francisco 429
Roebling, John Augustus, Bridge designed by: Cincinnati, O.....ill. 546
Roman Bath: Strand Lane, London....163-164, ill. 166
Romney, W. Va.....25, 40
Romont, Switzerland.....ill. 463
Rose-growers, Commercial: Lake Co., O..... 562
Rosenborg Castle: Copenhagen, Denmark..... 249
Rothschild, (Baron) Louis, Hunting trip by air scheduled by..... 490
Rouen, France: Capital of Normandy.....99; text, plate III, page 93
Round-mouths (fish): Bermuda vicinity.....ill. 85
Round Tower: Copenhagen, Denmark.....242, ill. 235
Rousseau, Jean Jacques, Geneva birthplace of..... 457
Rowing crews: Japan..... 157
Royal Copenhagen, Capital of a Farming Kingdom: A Fifth of Denmark's Thrifty Population Resides in a Metropolis Famous for Its Porcelains, Its Silver, and Its Lace. By J. R. Hildebrand. 26 ills. in black and white, 14 ills. in color, Feb...217-250

Page

Royal Oak Day, Chelsea veterans celebrate....text, plate V, page 187
Rubber toys, Manufacture of: Akron, O.....color plate V, page 567
Rugger football: Japan.....156, 157
Rumsey, James..... 54
Runkel, Germany..... 393
Russell, James B.: Fort Loudoun, Winchester, Va. ill. 39
Russo-Japanese War, Mukden one of key cities in.. 107
Ruthah Wells, Iraq.....664, ill. 671
Rutlidge, James..... 5
Ryan, Inez Buffington: Land of William the Conqueror (Normandy): Where Northmen Came to Build Castles and Cathedrals. By Inez Buffington Ryan. 13 ills. in color, Jan.....89-99
Rye, England, Land Gate at....color plate IV, page 186
Rye, N. Y..... 61

S

"S" Bridge: Hendrysburg vicinity, O.....ill. 535
Sabre-toothed dragonfish: Bermuda vicinity....color plate I, page 71
Sacramento River, Calif..... 428
Saghys, Country estate of: Hungary..... 694
Sagitta, or Arrow, Worms: Bermuda vicinity....69, 83
Sahara Desert.....265, 267, 294, 295, 296, 297, 301, 302, 317, 497, ill. 498
Sailing ships
Lake Balaton.....ill. 694
San Francisco.....ill. 403
Sailors, Danish, World War memorial to: Copenhagen, Denmark.....ill. 244
St. Albans, Church of: Copenhagen, Denmark..... 233
St. Alban's, England, Abbey of..... 163
St. Aubyn family, Castle of: St. Michael's Mount, England.....text, plate VI, page 188
St. Bartholomew's Church: London...175, 177 ill. 174
St. Bartholomew's Hospital: London.....175, 177, ill. 179
St. Clair, (Gen.) Arthur: Governor of Northwest Territory 551, 579
St. Clement Danes Church: London.....163, 169, ill. 166, 172
St. Elizabeth, Church of: Marburg, Germany..... 386
St. Etheldreda's Chapel: London.....173, 174, 175
St. Gellert Hotel and Hill: Budapest.....695, 730-731, 739, ill. 739, 742
St. Georges, Bermuda, Tug leaves from..... 66
St. Gotthard Pass, Switzerland..... 449
St. Ives Bay, Cornwall, England....color plate III, page 185
St. Lawrence River, Normans settled on the 99
St. Luke's International Hospital, Tsukiji, Tokyo.. 153
St. Magnus the Martyr, Church of: London..... 178
St. Margaret Island, Budapest..... 691
St. Margaret's School: Tokyo..... 153
St. Martin-in-the-Fields Church: London.....ill. 164
St. Mary-le-Strand Church: London.....163, 169
St. Mary's Church: Kraków, Poland.....436, color plate VI, page 442
St. Michael's Mount (island): Cornwall, England color plate VI, page 188
St. Michel, Mont (island), Normandy.....90; text, plate VI, page 188
St. Moritz, Switzerland.....ill. 452
St. Moritz, Lake: Switzerland..... 452
St. Nicholas Church tower: Copenhagen, Denmark 221
St. Paul's Cathedral: London..... 169
St. Paul's Church: Covent Garden, London....168, ill. 170
St. Paul's University, Tokyo..... 153
St. Peter's churchyard, Bournemouth, England, Shelley's heart buried in.....text, plate IV, page 186
St. Pierre, Le Gardeur de..... 15
St. Saphorin, Switzerland.....ill. 461
St. Stephano, Istanbul vicinity, Turkey..... 665
St. Stephen's Day procession: Budapest.....ill. 731
Sakarya River, Turkey..... 499
Salcombe, England.....color plate V, page 187
Salé, Morocco.....303; text, plate I, page 307
Salem, Mass..... 61
Salem, Va., Fort located near..... 37
Salesboats: Ohio River..... 547
Salisbury, N. C..... 62
Salt Desert: Persia.....448, 465
Salt river, Delta of a: Persia.....ill. 471
Salt wells: China.....ill. 518
Salutation, Mossi: Upper Volta.....ill. 495
Saly, J. F. J.: French sculptor..... 237
Salzach River, Austria, Faltboats on the..368, 370, ill. 380, 386
Salzburg, Austria, Faltboats at.....370, 383, ill. 386
Samarkand, U. S. S. R..... 754
Samsun, Turkey, Tobacco from..... 499
San Carlos, Nicaragua.....597, 601, 612, 614, 615

Page

Sand dunes
Amu Darya region, U. S. S. R.....759, 769, 770, ill. 763
California .....ill. 408
Sahara Desert.....ill. 486, 498
San Diego, Calif., Spaniards set up presidios at.... 417
Sandino: Nicaraguan rebel leader.....610, 617, 626
Flag and seal of.....ill. 611
Sandoway, Burma.....669, 672, 673, 677, 678, 680, 685, ill. 680
Sandstone quarries: Marietta vicinity, O.....ill. 560
Sandusky Bay Bridge, O..... 573
Sandusky, O.....532, 549, 552, 561, 573
Sandusky River, O..... 573
San Francisco: Out in San Francisco: Fed on Gold Dust and Fattened by Sea Trade, a Pioneer Village Becomes a Busy World Port. By Frederick Simpich. 38 ills., Apr.....395-434
Air view of.....ill. 396, 398, 412, 413, 422, 423, 688
Airport .....ill. 399
Bayshore Highway.....ill. 399
Bridges.....398, 405, 408, 412, 420, 421
Cafés and restaurants.....430-431
Chamber of Music Society..... 426
Chinatown .....431-433, ill. 400, 401, 432, 433
Churches .....432, ill. 414
City Hall.....ill. 415
Civic Auditorium..... 426
Cliff House Beach..... 427
Climate 427
Clubs .....402, 426, 427, 431, ill. 407, 411
Dolores Mission (San Francisco de Asis)....402, ill. 427
Ferry Building.....420, 427, ill. 413, 420, 423
Financial district.....ill. 400, 424
Fires 401, 409
Fishermen's Wharf.....417-418, ill. 425
Founding of..... 399
Gold Rush days.....395, 403, 404, 406-407, 410, 421, 426, 431
Golden Gate.....395, 396, 398, 402, 411, 413, 414, 416, 417, 418, 421, 422, 427, ill. 422, 423, 430
Golden Gate Park.....427, 428-430, ill. 406, 408, 409, 418, 419, 423
History 395, 398, 399, 402-403, 406-411, 414-415, 416, 426
Industries 431
Literature of..... 426
Mines, Gold.....395, 403, 406-407, 410
Monuments .....428-429, ill. 406, 409, 415
Museums .....429, ill. 418
Nob Hill..... 421
Ocean Beach.....ill. 408
Pacific Telephone and Telegraph Building.....ill. 421
Portsmouth Square.....ill. 416
Presidio .....402, 408, ill. 417, 423
Russian Hill Art Colony..... 431
Sea trade.....395, 403, 411, 416, 417, 418, 419
Sports and recreation.....427, 428, ill. 411
Stadium .....429, ill. 418
Steamship lines operating from..... 396
Street cars.....413, 421, ill. 410
Streets and avenues.....401, 407, 410, 416, 420, 431, ill. 413, 420
Symphony Orchestra..... 426
Waterfront (Embarcadero).....395, 414-417, 434, ill. 398, 403, 413, 423, 425, 429
Water system..... 434
Yerba Buena, Formerly called.....401, 402, 405
San Francisco Bay, Calif.....411, 414, 418, 419, 420, 421, ill. 396-399, 405, 412, 413, 423, 424, 429
San Francisco de Asis (Dolores) Mission: San Francisco .....402, ill. 427
San Francisco, Monastery of: Granada, Nicaragua .....605, 619, ill. 606, 611
Sanguinetti's (café): San Francisco..... 430
San Joaquin River and Valley, Calif.....419, 428
San Jorge, Nicaragua.....599, 602, 613, 614
San José, Calif..... 421
San Juan del Norte (Greytown), Nicaragua 597, 598, 608, 609, 616, 627
San Juan del Sur, Nicaragua.....613, 614, 616
San Juan River, Nicaragua.....594, 595, 598, 599, 600, 601, 608, 612, 614, 616, 617, ill. 596
San Mateo Co., Calif.....426, 431
San Miguelito, Nicaragua..... 614
Sansing, Manchuria, Legends concerning..... 127
Santa Barbara, Calif..... 417
Santa Clara (volcano), Nicaragua..... 593
Santiago (volcano), Nicaragua..... 623
Santo Domingo, Nicaragua, Javali mine at..... 612
Santonin, Artemisia used in making..... 330
Saoura, River: Algeria.....ill. 486
Sapo, or Cuban toad.....651; color plate VI, page 640

Page

Saratoga (U. S. airplane carrier).....ill. 397
Sardobas (watering places): Zeravshan Valley, U. S. S. R..... 754
Sargassum weed: Bermuda vicinity..... 66
Sarikol district, Central Asia, Governor of..ill. 352, 353
Sarikoli tribesmen playing mountain polo: Sinkiang ill. 351
Sarine River, Switzerland.....ill. 459
Sausalito, Calif..... 416
Sauvage, André: Member, Citroën Trans-Asiatic Expedition 323, 330, 335, 336
Savannah, Ga.....1, 62
Savoy Chapel: London..... 169
Scales, Firewood weighed on primitive.....ill. 337
Scharnitz, Austria, Girls of.....color plate VI, page 376
Schiff, Mortimer, Beebe's work endowed by..... 65
Schoenbrunn, O.....536, 538, ill. 572
Schoolroom: Corinto, Nicaragua.....ill. 609
Scioto River, O.....525, 573, ill. 539
Scots, Uniformed.....color plate VIII, page 190
Scott, James..... 54
Screw worm, Nicaragua Canal Survey party menaced by 597
Scythes, Hungarian farmers with....text, plate IX, page 721; color plate XII, page 724
Sea Bottles (Algæ): Bermuda vicinity.....ill. 87
Seal, Sandino's.....ill. 611
Seine River, France.....89, 99, color plate IV, page 94
Seneca Falls, Potomac River..... 59
Serengeti Plain: Tanganyika Territory.490, 492, ill. 485
Serpent dragonfish, Gleaming tailed: Bermuda vicinity .....color plate IV, page 74
Serpent mound: Portsmouth vicinity, O.....ill. 543
Serpent-stars, Zebra (starfish): Bermuda vicinity color plate VI, page 76
Serra, Junipero, Figure of: Golden Gate Park, San Francisco..... 429
Severance Hall: Cleveland, O.....color plate I, page 563
Sewickley Creek, Pa..... 11
Sewickley, Pa..... 11
Shah Abbas, Mosque of: Isfahan, Persia.....ill. 471
Shakespeare, William....240; text, plate VIII, page 230
Shakh Abad, U. S. S. R..... 770
Shamanism, Fishskin Tatars practice..... 129
Shamans (Fishskin Tatar medicine men).....129, 130, ill. 109, 116
Shanapins town, Pa..... 15
Shanghai, China.....678, 685, 687, 688
Shangtu (Xanadu): Kublai Khan's capital..... 106
Shanhaikwan, China, Great Wall at..... 124
Shantung Peninsula, Asia..... 743
Shantung Province, China, Immigrants in Manchuria from.....124, ill. 103
"Shanty boats": Ohio River.....558, 559, ill. 555
Shao-chiu (beverage), Chinese boy carrying flask of 109
Sharks
Bermuda vicinity..... 66
Nicaragua 597, 612
Shavat Canal, U. S. S. R.....768, 770
Shawnee (Indians)..... 12
Shawsville, Va..... 32
Shaykh-al-Jabal ("Old Man of the Mountains"): Persia 472
Sheep
Fat-tailed: U. S. S. R.....ill. 765
Hortobagy plain, Hungary.....ill. 719
Morocco .....ill. 272, 318
Ohio 537
Tatry mountains, Poland.... color plate IV, page 440
Turkey .....500; text, plate V, page 505; color plate I, page 501
Sheepskin cloaks, Hungarian cowboys wearing 720; color plate V, page 701
Sheepskin headgear, Central Asians wearing ill. 766, 777-779
Sheepskin rafts: Hwang Ho, China.....743, 744, 747, ill. 745, 748
Shelley, Percy Bysshe, Burial place of heart of text, plate IV, page 186
Shenandoah River, Va.....ill. 42
Shenandoah Valley, Va.....1, 2, 5, 31, 32, 52
Sheridan (Gen.), Philip H..... 578
Sheriff, Captain, Trans-Asiatic Expedition joined by 361
Sherman (Gen.), William T.....407, 578
Shia sect of Mohammedans..... 448
Shiba Park: Tokyo.....155, ill. 152, 156
Shingiss (Indian)..... 11
Shining Bow Dragonfish: Bermuda vicinity..80, 82, color plate V, page 75
Shipto shrines: Japan..... 153
Ships: See *Boats*.
Ships Tavern: Pennsylvania..... 51
Shira (peak): Tanganyika, East Africa.....479, 493
Shiraz, Persia.....448, 471
Shirley, (Gen.) William.....26, 27

Page

Shoemakers, Chinese....ill. 515
Shoguns: Japan....133, 146, 147, 155, 156
Shops, Open-front: Meknès, Morocco....ill. 267
Shoreditch School, London, Students of.... 196
Shoults, Worth E.: Antarctica's Most Interesting Citizen: The Comical Penguin Is Both Romantic and Bellicose. By Worth E. Shoults. 8 ills., Feb.....251-260
Shoup, Paul: *Argonaut* contributor.... 426
Showalter, William Joseph: Travels of George Washington: Dramatic Episodes in His Career as the First Geographer of the United States. By William Joseph Showalter. 50 ills., 5 maps (1 special supplement in colors), Jan.....1-63
Showboats: Ohio River....558, ill. 556
Shrimps: Bermuda vicinity....68, 69, 70, ill. 84, text, plate III, page 73
Shrines, Religious
  Beni Abbes, Algeria....ill. 486
  Japan....147, 153, 155, ill. 159
  Poronin, Poland....color plate VII, page 443
Shura Khan Canal, U. S. S. R.... 766
Sickles, Hungarian women with....color plate IX, page 721
Side-wheeler: Amu Darya, U. S. S. R....ill. 756
Sidi Ali, Lake of: Morocco.... 276
Sidi Lezzaz Mosque: Fès, Morocco....ill. 265
Sidjilmassa, Fallen city of.... 298
Sieb: Cook, Khoresm Irrigation Survey.... 753
Sign of the Bull (Inn): Pennsylvania.... 51
Si Hammou: Glaoua clan chieftain....298, 301
Silkworms and Silk Industry
  China: How Half the World Works. By Alice Tisdale Hobart and Mary A. Nourse. 22 ills., Apr.....509-524
  Cocoons, Reeling thread from....511, ill. 510
  Feeding of worms....509, 511, ill. 510
  "Going up the hill" process....509, 511, ill. 513
  Hatching of eggs.... 509
  History of.... 510
  Silk, Shrinking....518, ill. 514
  Spinners and weavers.... 513
  Superstitions concerning.... 509
  Trays of worms....509, ill. 511
  Hungary....696, ill. 712
  Khiva, U. S. S. R.... 770
"Silver Crescent" (car): Citroën Trans-Asiatic Expedition....322, 335, 341, 363
Silver mines
  Nevada....410, 411
  Turkey.... 499
Simpich, Frederick: Out in San Francisco: Fed on Gold Dust and Fattened by Sea Trade, a Pioneer Village Becomes a Busy World Port. By Frederick Simpich, 38 ills., Apr.....395-434
Simpson, Gilbert....41, 54, 56
Sind, Desert of: Baluchistan.... 675
Sining, China....743, 744, 749
Sining Ho, China.... 744
Sinkiang: First Over the Roof of the World by Motor: The Trans-Asiatic Expedition Sets New Records for Wheeled Transport in Scaling Passes of the Himalayas. By Maynard Owen Williams, Special Staff Representative of the National Geographic Society. 45 ills., 2 half-page maps, Mar.....321-363
Sio Canal, Hungary.... 705
Siófok, Hungary.... 705
Sivel: Member, Citroën Trans-Asiatic Expedition....323-349
Six Nations, Indians of the....41, 45
Skeletons, Human: Granada, Nicaragua.... 606
Skoura, Morocco.... 302
Skunks, Observing and photographing: California 199, 200-201, 204, 212, 213, 215, ill. 205, 208, 209, 211
Small Arms Firing School: Camp Perry, O....ill. 549
Smith, Hopkinson, George Inn described by.... 197
Smith, Joseph, Mormon Temple built by.... 562
Smith, Thomas.... 56
Smithfield Market: London.... 175
Smiths River, Va., Fort Trial on....33, 35
Smithsonian Institution, Mound areas surveyed by. 527
Smörrebrod: Denmark....236, 241
Smyrna (Izmir), Turkey....499, 500
Snails, Flying: Bermuda vicinity....69-70, ill. 83
Snakebite victims: Nicaragua.... 627
Snakes: Nicaragua....592, 593, 594, 597, 616, ill. 620
Snickers Gap, Va.... 5
Snogboj Fredericia, Denmark, High school girls at color plates II, page 224; IV, page 226
Soap manufacture: Ivorydale, O....ill. 574, 575
Sobat River, Africa.... 477
Sobieski, John: Polish hero.... 435
Society of the Cincinnati....53, 63
Soda works: Magadi Salt Lake, Kenya Colony.... 494
Solari's Café: San Francisco.... 430

Page

Solons (tribe): Barga plateau, Manchuria.... 129
Solun, Manchuria: Former haunt of opium growers 112
Solun Mountains, Manchuria....105, 111
Some Forgotten Corners of London: Many Places of Beauty and Historic Interest Repay the Search of the Inquiring Visitor. By Harold Donaldson Eberlein. 25 ills., Feb.....163-198
Somerfield, Pa. (Formerly *Great Crossing*, which see).... 41
Song, Spanish-American war: Quoted.... 414
Songhai Empire, French Sudan.... 491
Sopron, Hungary....707, color plate VII, page 703
Sorghum cave (*jugara*): Khoresm....ill. 767
Sorrel House, Philadelphia vicinity, Pa.....51
Sound, The (Öresund): Denmark—Sweden....222, 231, 241, 246
Sous Province, Morocco....292, 304, 318
Sous River and Valley, Morocco....304, 306, 315, 318
South Bass Island, Lake Erie....574, ill. 556, 577
South Manchuria Railway..101, 105, 123, 678, 685, ill. 102, 104
Southern bullfrog, or pigfrog....654, color plate IV, page 638
Southern Pacific Railway.... 410
Southwark, London....196, 198, ill. 194, 197
Soviet Russia: See *Khoresm*
Soy beans and cakes, Shipping of: Manchuria ill. 108, 113
Spahis (cavalry), Escort of: Morocco.... 276
Spanish-American War song: Quoted.... 414
Spanish West Africa, Native of....ill. 481
Spaulding, Solomon: Ohio settler....527, 562
Spears, snakeskin-covered, Fishskin Tatars carry 130, ill. 109
Spectator, London's fashionable ladies described by 168
Spencer, Platt Rogers, Penmanship of.... 558
Spencer, Va.... 34
Spiegel Grove, Fremont, O....ill. 537
Spiez, Switzerland.... 454
Spinning
  China....509, 513
  Turkey....color plate VII, page 507
Spiny lobster, Leaf larva of a....ill. 88
Spirit of St. Louis (airplane), Lindbergh flying over Brussels in....ill. 658
Spitsbergen: Flights from Arctic to Equator: Conquering the Alps, the Ice Peaks of Spitsbergen, of Persia, and Africa's Mountains of the Moon. By Walter Mittelholzer. 53 ills., 1 three-quarters-page map, Apr.....445-498
Spittal, Austria.... 383
Spring, Mud: Gwadar vicinity, Baluchistan....ill. 676
Springfield, Mass.... 61
Spring-peeper (frog).....652, color plate III, page 637
Square-riggers: San Francisco....ill. 403
Squids: Bermuda vicinity....66, 68, 69, 70, color plate VIII, page 78
Srinagar, Kashmir....321, 323, 329, 336, ill. 322, 324
Stadiums
  Cleveland, O....ill. 530
  Golden Gate Park, San Francisco....429, ill. 418
  Ohio State University, Columbus, O....ill. 582
  University of California: Berkeley....ill. 434
Stages, revolving, Japanese theaters use....138, 160
Stalk-eyed Duckbill (deepsea fish): Bermuda vicinity.... 83
Stallion, Champion (Lourdeau II)....ill. 551
Stamford, Conn.... 61
Standard Oil Company airplane beacon: Mount Diablo, Calif.... 420
Stanford family: San Francisco.... 410
Stanford University: Palo Alto, Calif.... 434
Star Beach, Kwantung.... 123
Starfish, Zebra: Bermuda vicinity..color plate VI, page 76
Starling, Lyne: Founder, Columbus, O.....525, 526
Staunton (Augusta Court House), Va...26, 31, 32, 37
Steamboats
  Amu Darya, U. S. S. R....754, 757, 759, 760, 766, 768, 770, 771, 772, 775, ill. 756
  Manchuria....124-126
  Nicaragua....ill. 597
  Ohio River....555, 558, ill. 554, 556, 585
Steel mill: Youngstown, O....color plate III, page 565
Steele, (Sir) Richard, Covent Garden haunt of... 168
Stenciled feet and hands, Moroccan woman's...ill. 276
Stephen the Saint, Statue of: Budapest....ill. 735
Stern-wheeler: Ohio River....558, ill. 556
Stevens, (Capt.) Albert W., Record parachute jump of.... 589
Stevenson, Robert Louis
  Bournemouth, England visited by..text, plate IV, page 186
  Memorial to: San Francisco....ill. 416
  South Sea schooner of.... 416

Page

"The Wreckers" 417
Steward, Henry 11
Stewart, Nick: Club Row Market, London ..... ill. 175
Sticks, load of, Teamster with: Manchuria ..... ill. 118
Stimson, Henry L., Nicaraguan trip of 617
Stock Exchange Club: San Francisco ..... ill. 407
Stock Exchange: Tokyo ..... ill. 154
Stoke Poges, England, Church replica of one at 590
Stomach-mouthed eel: Bermuda vicinity ..... 83, ill. 82
Storks and nests
  Denmark ..... 217, color plate VI, page 228
  Morocco ..... 276, 302, ill. 265, 268, 301, 303, 319
Story tellers, Professional
  Bukhara, U. S. S. R. ..... ill. 773
  Marrakech, Morocco ..... ill. 285
Stove, Primitive: Hungary ..... color plate IV, page 700
Strasburg, Va. 31
Strawberries, Shakespeare's reference to Ely Place 175
Straw-covered jars, Vegetables pickled in: Chien Shan Region, Manchuria ..... 124, ill. 110
Straw, Rice: China ..... ill. 523
Stuart's Crossing, Pa. 41
Sturgeon
  Amu Darya 771, 777
  North Sea ..... ill. 171
Subashi, Sinkiang 354, 355
Subtreasury of the United States, N. Y. C., Washington's statue on ..... ill. 55
Sugar beets: California 414
Sugar trade: San Francisco 411, 414
Suleiman the Magnificent, Mosque of: Istanbul ..... ill. 660
Sultan, Dan. I.: Army Engineer Explores Nicaragua: Mapping a Route for a New Canal Through the Largest of Central American Republics. By Lieut. Col. Dan I. Sultan. 39 ills., 1 two-thirds-page map, May 593-627
Sultan's Pool: Jerusalem 670
Sumo Indians: Nicaragua 608
Sunfish, Ocean: Bermuda vicinity 85
Sungari River, Manchuria ..... 124, 127, 129, ill. 118
Surinam toad ..... ill. 652
Surrey Co., England ..... text, plate I, page 183
Surveying Through Khoresm: A Journey into Parts of Asiatic Russia Which Have Been Closed to Western Travelers Since the World War. By Lyman D. Wilbur. 31 ills., 1 two-thirds-page map, June 753-780
Suttee, Jodhpur fort shows grim record of 677
Svalbard. See *Spitsbergen.*
Svendborg, Denmark, Windmill at ..... color plate I, page 223
Swatow, China 686
Swimming pools: Budapest ..... 731, ill. 734
Swimming, Popularity of: Japan 157
Swine: Hungary ..... color plate II, page 698
Switzerland: Flights from Arctic to Equator: Conquering the Alps, the Ice Peaks of Spitsbergen, of Persia, and Africa's Mountains of the Moon. By Walter Mittelholzer. 53 ills., 1 three-quarters-page map, Apr. 445-498
Switzerland (hydroplane); Mittelholzer's travels in the ..... 467, 474, 475, 476, 477, 496, ill. 476
Swordfish: Lake Nicaragua 612
Syrian Desert ..... 664, 670, 690, ill. 671
Széchenyi, (Count) Stephen, Achievements of 695
Széchenyi Pool: Budapest ..... ill. 734
Szechwan Province, China, Water wheels in ..... ill. 518
Szeged, Hungary ..... 720, color plate XII, page 724
Székesfehérvár, Hungary 695
Szombathely, Hungary 707

T

Tablet, bronze, Fort Necessity site marked by ..... ill. 19
Tacoma, U. S. S. 397
Tacul Glacier: France ..... ill. 456
Tadla, Kasba: Morocco ..... ill. 272
Tafilalet, Oases of: Morocco ..... 270, 280, 297, 298, ill. 268, 296
Taft, (Chief Justice) William H. ..... 418, 574, 590, 591; text, plate VIII, page 570
Taft, (Mrs.) William Howard 590
Tahanaout, Morocco ..... ill. 305
Taiping, China 685
Taisho Earthquake Memorial Hall: Tokyo, Japan ..... ill. 132
Tait's Café: San Francisco 430
Taj Mahal: Agra, India 665, 690
Takhya Tash, U. S. S. R. 771
Takla Makan Desert, Sinkiang 330
Talaat n' Yakoub, Morocco, Castle at 315
Tamalpais, Mount, Calif., Distant aërial view of ..... ill 422
Tamerlane, Famous horsemen of 754, 761, 778
Taneytown, Md. 63
Tanganyika, Lake: East Africa 465
Tanganyika Territory, East Africa ..... 490, 492, ill. 479, 480, 485
  Native of ..... ill. 481
Taoan, Manchuria ..... 105, 111, ill. 109, 117
Taoist monasteries: Chien Shan Region, Manchuria 124
Taonanfu, Manchuria 106, 111
Tao Tai's yamen, Kashgar, Sinkiang 363
Tapestry, Bayeux 89, 99
Tapolcza, Hungary 705
Tarim River, Central Asia 344, 349, 362
Taroudant, Morocco ..... 304, 315, 318, ill. 292
Tarpon fishing: Nicaragua ..... 612, ill. 596
Tashauz, U. S. S. R. 756, 770, 775
Tashkent, U. S. S. R. 753, 754, 760, 780
Tashkurghan, Sinkiang 349, 354, 360
  Amban of ..... 354, ill. 352, 353
Tashmalik, Sinkiang 359, 362
Tash Saka, U. S. S. R. 761
Tassels, gold, Tyrolese hats decorated with ..... color plate IV, page 374
Tatoo artist: San Francisco ..... 417, ill. 426
Tatry (mountains), Poland ..... color plate IV, page 440
Taurus Mountains, Turkey ..... 662, ill. 666
Tchikoff, V. V: Khoresm Irrigation Survey 753
Tea, Khoresm natives sipping ..... ill. 779
Tecumseh, Monument commemorates: Greenville, O. color plate VII, page 569
Tee-Van, John: Nonsuch Island Laboratory, Bermuda ..... ill. 81
Tehran, Persia ..... 465, 472, 474, ill. 473
Telephone booths, Glass: Budapest 732
Telica (volcano), Nicaragua 593
Telouet, Morocco ..... 299, 301, 302, 306, ill. 298
  "Eagle of" ..... 298, 301, 306, ill. 300
Tempelhof Airport: Berlin ..... 659, ill. 661
Temple Bar: Theobald's Park, Hertfordshire, England ..... 167, 170, ill. 173
Temple: London 170, 172
Tennis: Tokyo 157
Tennyson, Alfred Lord, Isle of Wight cottage of text, plate VIII, page 190
Tenskwatawa, Monument commemorates: Greenville, O. ..... color plate VII, page 569
Tents
  Faltboaters' ..... ill. 389
  Reed and felt (*kibitki*): Central Asia 775, 777
  Tribesmen's: Morocco ..... ill. 270, 271, 273, 279, 318
Terminal Tower: Cleveland, O. 571
Terra Alta, W. Va. 59
Teterboro Airport, N. J. 656
Tetrazzini plays street singer: San Francisco 421
Thames River, England 163, 195
Thatched cottages
  Cockington, England ..... color plate VII, page 189
  Hungary ..... color plate VIII, page 704
  Normandy ..... color plates I, page 91; III, page 93
  Poland ..... 436, color plates II, page 438; V, page 441
Thayer, Phineas, "Casey at the Bat" written by 426
Theaters: Japan ..... 160-161, ill. 138, 143
Theobald's Park, Hertfordshire, England, Temple Bar of ..... 170, ill. 173
"Thinker," Rodin's statue of 429
Thompson Steel Works, Pittsburgh and vicinity, Pa. 23
Thorvaldsen, Bertel, Museum and works of: Copenhagen, Denmark ..... 249-250, ill. 243
Threshing
  China ..... ill. 523
  Hunza state, India ..... ill. 339
Thun, Lake: Switzerland 454
Ticks: Nicaragua 593, 599
Tiehling Station, Manchuria, Shipping soy beans from ..... ill. 113
Tientsin, China 104, 744
Tihany Abbey: Tihany, Hungary ..... 705, ill. 693
Tihany Peninsula, Hungary, Legends of 705
Tilden, Douglas, "Ball Player" statue of 429
Timhadit, Morocco ..... 275, 277, ill. 273-275
Tinmal, Morocco ..... 306, color plates IV, page 310; V, page 311
Tipitapa, Nicaragua 601
Tisiapa, Laguna: Nicaragua ..... ill. 603
Tisza River, Hungary ..... 720, color plate XII, page 724
Tivoli Gardens: Copenhagen, Denmark ..... 235, 248-249, ill. 245
Tizi N Test (peak): Morocco 315
Tiznit, Morocco 318
Toads
  Iridescent Beauty of Frogs and Toads. 14 ills. in color from paintings by Hashime Murayama. May 634-643
  Our Friend the Frog. By Doris M. Cochran. 16 ills. in black and white, 14 ills in color, May 629-654
  Eggs ..... ill. 645; color plate VII, page 641
  Eyes ..... 644; text, plate VI, page 640
  Feeding habits ..... 645; text, plate VI, page 640
  Poisons obtained from 644

"Showers" of ... Page 643
Skins, Uses made of ... 643
Song ... 644-645
Species. See *American toad, American bell* (or *True's toad*), *Colorado River toad, common* (or *garden*) *toad, Cuban* (or *Sapo*) *toad, European bell-* (or *fire*) *toad, Fowler's toad, horned toad, Marine toad, midwife-toad, nebulous toad, oak toad*; and *Surinam toad.*
Superstitions concerning ... 643-644
Toadskins, Uses of ... 643-644
Toadstone, Superstitions concerning ... 644-645
Tobacco production
Hungary ... color plate VIII, page 704
Samsun: Turkey ... 499
Todd, Dolly, Scene of marriage of James Madison to ... ill. 33
Tokaj, Hungary ... 720, ill. 714; text, plate II, page 698
Tokhtai, Sinkiang ... 359, 362
Tokugawa Shoguns, Shrines of: Tokyo ... 155
Tokuzak, Sinkiang, Trans-Asiatic Expedition visits 363
Tokyo To-day. By William R. Castle, Jr. 33 ills., Feb. ... 131-162
Aoyama Cemetery ... 150
Architecture ... 150
Army training ... 157
Asano estate ... ill. 145
Babasaki Gate ... ill. 135
Banks ... 147, ill. 143
Bridges ... 136, 147
Cafés ... 162, ill. 143
Embassies ... 150, 151, 155
Festivals ... ill. 139, 140, 159
Fire department ... ill. 154
First Marine Insurance Building ... ill. 134
Gaimusho (Foreign Office) ... 151
Ginza ... 140, 141, 142
Honjo Ward ... 132
Imperial Diet ... ill. 141
Imperial Hotel ... 136
Lantern parade ... ill. 140
Marunouchi Building ... ill. 134, 136
Marunouchi District ... 147, 150, ill. 134, 136
Meiji Museum ... 156
Meiji Shrine compound ... ill. 142
Metropolitan Police ... ill. 162
Nihonbashi district ... 147, ill. 139
Palaces ... 134, 135, 146, 147, 150, 151, 152, 153
Parks ... 131, 136, 137, 153, 155, ill. 148, 151, 152, 156
Post Office ... ill. 157
Railway Station ... 134, 147, ill. 136
Reconstruction of ... 131, 132, 133, 136, 137, 139, 150, 151
Residences ... 138, 150
St. Luke's International Hospital ... 153
Stadiums ... 156, ill. 144
Stock Exchange ... ill. 154
Stores ... 140-141, ill. 160
Streets ... 136, ill. 134, 137, 139
Taisho Earthquake Memorial Hall ... ill. 132
Theaters ... 138, 147, 160, ill. 138, 143
Transport, Modes of ... 136, 141-142
Universities and schools ... 153, 161
Yokohama boulevard ... 155
Yusen Building ... ill. 134
Zojoji Temple ... ill. 156
Tokyo Bay: Japan ... 133
Tokyo Imperial University: Tokyo ... 153
Tokyo Theater: Tokyo ... 160
Toledo, O. ... 532, 547, 578, ill. 557
Tom Greene (steamboat): Ohio River ... ill. 585
Tombs
First Askia king's: French Sudan ... ill. 491
Kunya Urgench, U. S. S. R. ... 773, 774, ill. 775
Merinid Sultan's: Fès vicinity, Morocco ... color plate VI, page 312
Tomlinson's (Little Meadows), Md. ... 54
Tonder, Denmark, Laces from ... 241
Tongueless frogs ... 649, color plate VII, page 641
Tony's Barge, Stevenson's schooner now called ... 416
Tor Abbey: Torquay, England ... text, plate II, page 184
Tor Bay, England ... color plate II, page 184
Torii, Shinto shrines approached through: Japan ... 153
Torquay, England ... color plate II, page 184
Tower Bridge: London ... ill. 180, 198
Tower of London: England ... 178, 182, 192, ill. 180, 193
Town of Ramsgate (Tavern): Wapping, London ... 195
Toys, rubber, Manufacture of: Akron, O. ... color plate V, page 567
Trade, or pack, rat ... ill. 206
Tragbal, Kashmir ... 323
Tragbal Pass, Kashmir ... 327
Trans-Asiatic Expedition: First Over the Roof of the World by Motor: The Trans-Asiatic Expedition Sets New Records for Wheeled Transport in Scaling Passes of the Himalayas. By Maynard Owen Williams, Special Staff Representative of the National Geographic Society. 45 ills., 2 half-page maps, Mar. ... Page 321-363
Transporter (tug): Ohio River ... ill. 528
Trapshooters' Grand American Handicap: Vandalia, O. ... ill. 545
Travels of George Washington: Dramatic Episodes in His Career as the First Geographer of the United States. By William Joseph Showalter. 50 ills., 5 maps (1 special supplement in colors), Jan. ... 1-63
Treaty of Trianon ... 691, 692
Tree Festival: Granada, Nicaragua ... 608, ill. 607
Tree toads
Common, or rain toad ... 651-652, ill. 632, color plate II, page 636
Cricket-frog ... 629, 632, 634, 648, 649, 653, color plate III, page 637
Cuban ... 653, color plate II, page 636
Green ... 652, color plate I, page 635
Pacific ... 652-653, color plate III, page 637
Spring-peeper ... 652, color plate III, page 637
Tremper Mound: Portsmouth vicinity, O. ... 529
Trinity Brethren, Hospital of the ... 182
Trinity Church, New York City ... ill. 55
Trinity, Monument to: Budapest ... ill. 740
Tristachersee, Austria, Cornelia Parker visits ... 379
Troglodytes: Cappodocia ... text, plate IV, page 504
Trouville, France, Fashion displays at ... 89
True's toad, or American bell-toad ... 650, color plate III, page 637
Trumpets, Moroccans blowing ... ill. 277
Tsitsihar, Manchuria ... 105, 106, 129, ill. 124
Tsou Tso-hua, General, Manchurian railroad project headed by ... 111, 112
Tuaregs (Blue Men of the Litham) ... 315
Turfan Depression, Sinkiang ... 321
Turkey: Looking in on the Everyday Life of New Turkey. With 12 ills. in color from natural-color photographs by Herman H. Kreider, Maynard Owen Williams and Gervais Courtellemont. Apr. ... 499-509
Agriculture ... 499, 500
Alphabet, Latin, Adoption of ... 500; text, plate III, page 503; color plate II, page 502
Capital ... 499
Fez, Abolition of ... 499; text, plate II, page 502
Government ... 499
Industries ... 499
Manufacturing ... 499
Natural resources ... 499
Racial problems ... 499
Wars ... 500
Turkis (natives): Sinkiang ... 500, 500; text, plate I, page 501
Turkomans ... 362, 363
Turkey ... 500, color plates VI, page 506; VIII, page 508
U. S. S. R. ... 766, 770, 780
Turngemeinde (physical exercise system): Cincinnati, O. ... 590
Turtkul, Karakalpak Republic, U. S. S. R. ... 768
Turtle Creek, Pa., Steel plant at mouth of ... 11
Tuscarawas River, O. ... 561
Tuya Muyun, U. S. S. R. ... 761
Twain, Mark: Began platform career in San Francisco ... 426
Twin-lighted lantern fish: Bermuda vicinity ... color plate III, page 73
Tyrol (Province), Austria
Entering the Front Doors of Medieval Towns: The Adventures of an American Woman and Her Daughter in a Folding Boat on Eight Rivers of Germany and Austria. By Cornelia Stratton Parker. 23 ills., 1 two-thirds-page map, Mar. ... 365-394
Tyrol, The Happy Mountain Land. 11 ills. in color from natural-color photographs by Hans Hildenbrand. Mar. ... 370-379
Capital ... color plate II, page 372
Climate ... text, plates I, page 371; V, page 375; VI, page 376
Costumes ... color plates I, page 371; II-IV, pages 372-374; VI-VIII, pages 376-378
Legends ... text, plate VIII, page 378
Mineral springs ... text, plate I, page 371
Sports ... text, plate VI, page 376
Tzeliutsing, China, Water wheels around ... 518

U

Uganda Railway, East Africa ... 494
Ulugh Rabat Pass, Sinkiang, Citroën Trans-Asiatic Expedition crosses ... 355

Page

Umbrellas
Black alpaca: Japan....137, 146, ill. 138
Colored paper: Japan....138, ill. 146, 152
Oil-paper: China.... 518
"Underground railway": Origin of phrase.... 578
Uniforms
Chelsea veterans': London..color plate v, page 187
Danish Royal Guards'....color plate viii, page 230
Hungarian....ill. 731, 736
Regimentals ordered by George Washington.... 25
Scotch....color plate viii, page 190
Union Iron Works, Ships built at old.... 397
Union of Soviet Socialist Republics: See *Khoresm.*
Uniontown, Pa. (Formerly *Beesontown*, which see.) 56
United Air Lines.... 399
United Daughters of the Confederacy.... 578
U. S. Army
Air Corps, Flying fields of the: Dayton, O. 588, 589, ill. 581, 583
Engineer Corps: Army Engineer Explores Nicaragua. Mapping a Route for a New Canal Through the Largest of Central American Republics. By Lieut. Col. Dan I. Sultan. 39 ills., 1 two-thirds-page map, May....593-627
Presidio, San Francisco....402, 417
U. S Biological Survey, Mocking bird banded by ill. 202
U. S. Marines: Nicaragua....617, 619, 626, ill. 610
U. S. Navy Scouting Fleet: York River, Va....ill. 50
U. S. Subtreasury: New York City....ill. 55
Upper Sudan.... 492
Upper Volta, Africa....ill. 492-497
Urgench, U. S. S. R....773, ill. 775, 776
Urner Alps, Switzerland....446, ill. 464
Urumchi, China....321, 330, 331
Uyeno Park: Tokyo....ill. 151
Uzbeks (people): U. S. S. R...753, 765, 766, 772, 780, ill. 758

V

Vallejo Street wharf, Old: San Francisco....ill. 403
Valley Forge, Pa., George Washington at.... 31
Valsainte, Switzerland....ill. 453
Van Braam, Jacob.... 9
Van Cortlandt Mansion, Van Cortlandt Park, New York City.... ill. 53
Vandalia, O., Trapshooters' club at.... ill. 545
Vanderbilt, Cornelius, Steamship line established by 616, 617
Vanmeter, Henry.... 5
Vanmeter, John.... 5
Vassoigne: Member, Citroën Trans-Asiatic Expedition 323
Vaudeville, Origin of word.... 90
Vaux de Vire, France, Songs of.... 90
Veil, Kashgar.... 363
Vejle, Denmark, Natives of..color plate vii, page 229
Velden, Austria.... 379
Venango, Pa., George Washington in....14, 15
Venders
Candied crab apple: Manchuria....ill. 112
Flower: Copenhagen, Denmark.... 243
Paprika: Hungary....color plate x, page 722
Verdi, Bust of: Golden Gate Park, San Francisco.... 429
Vernon, France, Seine at....color plate iv, page 94
Vernonnet, France, Seine at....color plate iv, page 94
Vesuvius, Mount: Italy....490, ill. 470
Veszprém, Hungary.... 707
Veterans' Administration Home: Dayton, O.... 587
Viborg, Denmark, Cathedral at..color plate iv, page 226
Victoria, Lake, British East Africa, Mittelholzer flies to....465, 476
Victoria (steamer): Lake Nicaragua...612-615, ill. 613
Vienna, Austria....370, 379, 662
Vigilantes Society: San Francisco....408, 416, 434
Villa Cisneros, Río de Oro, Spanish fort and airport at....ill. 487
Vineyards
Ohio.... 590
St. Saphorin, Switzerland....ill. 461
Vire, France, Mont Saint Michel near.... 90
Virginia City, Nev., Silver boom in.... 411
Virginia House of Burgesses
Journals of the....31, 34
Miller petitions.... 34
Soldiers' bounty lands granted by.... 40
Virginia: Travels of George Washington: Dramatic Episodes in His Career as the First Geographer of the United States. By William Joseph Showalter. 50 ills., 5 maps (1 special supplement in colors), Jan....1-63
Vivarium, Frogs suitable for a....648, 649
Vodka, Shaman drinks.... 130

Page

Volcanoes
Extinct: Morocco....275, 276, ill. 275
Nicaragua....593, 620, 627, ill. 615, 623
Völkermarkt, Austria.... 382
Volubilis, Morocco.... 280
Voyages
Entering the Front Doors of Medieval Towns: The Adventures of an American Woman and Her Daughter in a Folding Boat on Eight Rivers of Germany and Austria. By Cornelia Stratton Parker. 23 ills., 1 two-thirds-page map, Mar....305-394
Raft Life on the Hwang Ho. By W. Robert Moore. 14 ills., June....743-752

W

Wade, (Capt.) Robert....33, 34
Wainwright's Island, Allegheny River, Disappearance of.... 18
Wakefield (estate), Va.: George Washington's birthplace ....56, ill. 2
Wakefield National Memorial Association.... 2
Wakhjir Pass: Afghanistan—India....349, 350
Walker, William....409, 602, 606, 616, 617
Wapiti (elk): Manchuria.... 129
Wapping Old Stairs: London....192, 193, 195, ill. 181, 192
Ward, John Quincy Adams, Statue of Washington by.... 55
Warm Springs, Va.... 26
Warner, Seth, Fort Frédéric captured by.... 58
Warren Co., O., Mounds of.... 534
Warts, Superstition that frogs cause.... 644
Waseda University: Tokyo.... 161
Washerwoman: Hungary....color plate iv, page 700
Washington, Betty.... 56
Washington Bridge: Allegheny River, Pittsburgh 18, ill. 13, 17, 20
Washington Bridge: Hudson River.... 546
Washington, Bushrod: Nephew of George Washington 54
Washington, Charles: Brother of George Washington....33, 54
Home of....60, ill. 30
Washington, George: Travels of George Washington: Dramatic Episodes in His Career as the First Geographer of the United States. By William Joseph Showalter. 50 ills., 5 maps (1 special supplement in colors), Jan....1-63
Birthplace....56, ill. 2
Diary and letter extracts..2-3, 4, 5, 8, 9, 12, 13, 14, 15, 18, 19, 22, 23, 24-25, 26, 27, 28, 30, 32, 33, 36, 37-38, 39, 40, 41, 42, 44, 48-49, 50, 51, 52, 53, 54, 56, 59, 60, 62
Marriage 39
Mount Vernon....1, 19, 35, 39, 51, 52, 53, 59, 60, 62, 63
Revolutionary War (1775-1783)....52-53
Statue of: U. S. Subtreasury, N. Y. C....ill. 55
Surveying and French-Indian compaign (1748-1758) 1-39
Travels after the War (1784-1799)....53-63
Travels to West (1759-1774)....39-51
Washington Headquarters Association of New York 61
Washington, John Augustine: Brother of George Washington.... ....25, 41
Washington, Lawrence, Barbados trip of....5, 8
Washington, Lund, George Washington writes to 41
Washington, Mary: Mother of George Washington
Home....9, ill. 56
Tomb ....ill. 57
Washington, Richard, George Washington writes to 39
Washington, Samuel: Brother of George Washington....51, ill. 32, 33
Washington's Ditch: Dismal Swamp....ill. 45
Washoe Valley, Nev. Wells Fargo hauled silver to 410
Water-carrier, Polish girl....color plate v, page 441
Water jars, Berber women with: Tinmal, Morocco color plate v, page 311
Water sack, Moroccan filling....ill. 319
Watermelons for sale: Lanchow, China....ill. 752
Water wheel, Primitive: U. S. S. R....ill. 767
Wawel (castle-cathedral): Kraków, Poland..435; text, plate vi, page 442; color plate i, page 437
Wayne, (Gen.) Anthony..11, 13, 547, 579; text, plate vii, page 569
Wayne County Fair, Wooster, O....ill. 550, 551
Weavers, Silk: China....513, 518
Weddings
Hungary....712, 717, 719, ill. 711
Poland.... 436; color plate vii, page 443
Weems, Parson, Stories of George Washington told by.... 8
Wei Valley, China.... 743
Weilburg, Germany.... 301
Weissensee, Austria, Cornelia Parker visits.... 381

Page

Weizelsdorf, Austria, Cornelia Parker at..... 382
Wells
  Artesian: Port Tobacco, Md.....ill. 34
  Bronowice, Poland.....color plate v, page 441
  Caux District, France.....color plate vi, page 96
  Hungary.....color plate v, page 701
  Salt: China .....ill. 518
  Tinmal, Morocco.....color plate v, page 311
Wells Fargo stages: U. S. West..... 410
  Miniature of.....ill. 404
Wertheim, Germany.....370, ill. 388
"Werther" (Goethe), Wetzlar scene of..... 390
Weser River, Germany, Faltboating on the..368, 370, 383
West Virginia: Travels of George Washington: Dramatic Episodes in His Career as the First Geographer of the United States. By William Joseph Showalter. 50 ills., 5 maps (1 special supplement in colors), Jan.....1-63
Western Reserve University, Cleveland, O..... 555
Westlawn Cemetery, Canton, O., McKinley Tomb in .....ill. 586
Wetzlar, Germany.....370, 389, 390
Wetzlar Rudder Club: Wetzlar, Germany..... 390
Whale oil, San Francisco lights once burned..... 419
Whangpoo River, China..... 687
Wheat
  Consecration of crop: Heves, Hungary.....ill. 710
  Threshing: China.....ill. 523
Wheeling, W. Va..... 45
Where the Winning of the West Began (Ohio). 13 ills. in color from natural-color photographs by Jacob Gayer. May.....562-571
White Hart Inn: London.....194, 197
White Mingo (Indian chief)..... 41
White, Stewart Edward: *Argonaut* contributor.... 426
White Thunder (Indian)..... 13
Wicker nets, Bowlders encased in: China.....ill. 515
Wight, Isle of, Garden in: England.....color plate viii, page 190
Wigman, Mary, Dance school of: Dresden, Germany 240
Wilbur, Lyman D.: Surveying Through Khoresm: A Journey into Parts of Asiatic Russia Which Have Been Closed to Western Travelers Since the World War. By Lyman D. Wilbur. 31 ills., 1 two-thirds-page map, June.....753-780
Wildebeest: Serengeti Plain, Tanganyika..... 485
Wilkins, (Sir) Hubert, Alaska—Spitsbergen flight of 447
William the Conqueror..90, 99; text, plate iv, page 94
Williams, Harrison, Beebe's work endowed by.... 65
Williams, Maynard Owen
  First Over the Roof of the World by Motor: The Trans-Asiatic Expedition Sets New Records for Wheeled Transport in Scaling Passes of the Himalayas. By Maynard Owen Williams, Special Staff Representative of the National Geographic Society. 45 ills., 2 half-page maps, Mar.....321-363
  Looking in on the Everyday Life of New Turkey. 4 ills. in color from natural-color photographs by Maynard Owen Williams. Apr...500-509
Williamsburg, Va.
  Bruton Parish Church.....48, ill. 49
  Restoration of..... 48
  Washington visits....1, 9, 12, 18, 19, 22, 26, 30, 34, 40, 48, 49, 51
  Wythe House.....ill. 48
Willow Palisade, Manchuria.....105-106
Willow sprigs, Married couples presented with: Hungary 711
Wills Creek, Md. (Former name of *Cumberland*, which see).....7, 9, 11, 19, 22, 36, 39
Wills Mountain, Pa. .....ill. 7
Wilmington, N. C., George Washington honored by 62
Wilson, Mount: California..... .....199, 203, 214
Winchester, Va.
  Cannon .....ill. 39
  George Washington visits.....3, 9, 19, 22, 26, 30, 31, 36, 37, 38, 39, 51
  Headquarters of George Washington.....ill. 38
Windjammers: San Francisco harbor.....416, ill. 403
Windmills
  Golden Gate Park, San Francisco..428, 429, ill. 408
  Svendborg, Denmark.....color plate i, page 223
Windsor Castle, England, Henry viii Gateway of color plate vii, page 189
Wing and Wing: Stevenson's South Sea schooner.. 416
Winston-Salem, N. C..... 62
Wisconsin, U. S. S..... 397
Wisla River, Poland..... 435
Wolfratshausen, Germany, Isar River at.....ill. 385
"Wolverine War"..... 578
Wood-frog.....654, ill. 631, color plate iii, page 637
Woodstock, Va..... 31
Woodward High School: Cincinnati, O.....color plate viii, page 570
Wool, Oxhide raft buoys stuffed with: Hwang Ho 743, 744, 749, ill. 748
Wooster, O.....549, ill. 550, 551
Worcester, Mass..... 61
World War memorial: Copenhagen, Denmark...ill. 244
Worms, Deep-sea: Bermuda vicinity.....69, 83
Wrecks of boats: Lake Nicaragua.....ill. 602
Wren, (Sir) Christopher, London edifices of..167, 170, 172, 178
Wrestlers, Japanese.....156, 157, ill. 149
Wright brothers, Early experiments of..... 588
Wright Field, Dayton, O.....588-589, ill. 581
Wright, Orville: Native Ohioan..... 573
Wudmat, Austria..... 381
Wulakai, Manchuria.....115, 116, 118-123, ill. 122
Wular Lake, Kashmir..... 323
Wusih, China, Silk and rice trade of..... 524
Wyoming, U. S. S..... 397
Wythe, George, House: Williamsburg, Va.....ill. 48

X

Xanadu (Shangtu): Kublai Khan's capital..... 106

Y

Yakdans (wooden chests): Citroën Trans-Asiatic Expedition 354
Yaks: Central Asia....355, 358, ill. 340, 345-347, 350, 351, 360
Yale University, New Haven, Conn..... 61
Yangtze Valley, China, Cotton production in.... 514
Yellow River, China. See *Hwang Ho.*
Yellow Sea, Hwang Ho empties into.....743, 744
Yerba Buena (Goat Island), Calif...420, ill. 398, 405
Yodel, Tyrolese.....text, plate iv, page 374
Yokohama, Japan, Earthquake destroys.....133, 155
York, Pa..... 63
York River, Va. .....34, 39, ill. 50
Yorktown, Va.....48, 50, 52, 53, ill. 50
Youghiogheny River, Pa...11, 18, 23, 41, 59, ill. 28
Young, Brigham, Kirtland, O., discourse of..... 562
Young, John, Youngstown, O., settled by..... 548
Y. M. C. A. pool: Tokyo.....157, 160
Youngstown, O.....544, 547-548, 550, color plate iii, page 565
"Yuba" dredges, San Francisco exports..... 431
Yurts
  Central Asia.....355, ill. 345-347, 350
  Manchuria 115
Yusen Building: Tokyo.....ill. 134
Yvetot, France..... 90

Z

Zaian tribe: Morocco.....269, 318
  Chief of.....271, ill. 270
Zakopane, Poland.....text, plate iv, page 440
Zalmanoff: Russian Governor, Karakalpak Republic 768
Zambesi River, Africa.....465, 467
Zane, Ebenezer, Trace cut by: Ohio.....525, 551, 554, 587
Zanesville, O.....525, 527, 547, 551, 562
Zapatera Island, Lake Nicaragua....613, 627, ill. 623, 624, 626
Zealand (island), Denmark....217, 222, 231, 241, 245
Zebra serpent-stars (starfish): Bermuda vicinity color plate vi, page 76
Zebras: Africa.....492, ill. 485
Zeisberger, David: Founder, Moravian colony, Ohio 536, 538
Zelienople, Pa..... 15
Zell on the Ziller, Austria..color plate viii, page 378
Zeppelin, Spitsbergen base for Arctic flight of.... 467
Zeravshan Valley, U. S. S. R..... 754
Zerhoun Hills, Moulay Idriss, Morocco.....color plate vii, page 313
Zermatt valley, Switzerland.....ill. 450
Ziller River, Austria.....color plate viii, page 378
Zillertal, Austria, Peasants of.....color plate iv, page 374
Zinc: Turkey..... 499
Zinkand's (café): San Francisco..... 430
Zion, Mount: Jerusalem.....ill. 670
Zither players, Tyrolean.....text, plate iv, page 374
Ziz River, Morocco.....280, 289, 290, 291, 296, 297, ill. 294, 295, 297
Zojoji Temple: Shiba Park, Tokyo.....ill. 156
Zug, Canton of: Switzerland.....ill. 464
Zugspitze (peak): Tyrol—Bavarian Border...text, plate vi, page 376
Zürich, Lake of: Switzerland.....445, 448
Zürich, Switzerland.....445, 446, 465
Zwingli, Swiss, Marburg (Germany) associated with 386

XUM